

# Nanjing CUH Science & Technology Co.,Ltd

Vibratory Feeder Controller Specialist  
Provide Professional Service



## Catalog of Vibratory Feeder Controllers

## Vibratory Feeder Controller Specialist Provide Professional Service

**CUH** is a high-tech enterprise which co-operates with Southeast University, Nanjing University of Science and Technology and some others. We mainly research, develop and produce automatic feeding systems and intelligent production equipments. Relying on the precise and pragmatic work attitude and strong technical force, CUH has gained a high popularity in domestic and international vibratory feeding fields by our reliable and stable products after a long and unremitting effort.

**CUH** has developed products which are well known and universally acknowledged in the vibratory feeding world through self-directed innovation and formed a complete product line from entry-level to high-end. CUH has become the leader of vibratory feeder controller by our stable, reliable, efficient and energy saving products. We can provide solutions to all kinds of control, drive and power supply requirements.

**CUH** is devoted to provide total solutions of vibratory feeding. You can get not only independent components, but a complete intelligent feeding system which has automatic setting, automatic monitoring and automatic adjusting functions.

ISO9001 Quality Management Systems Certificated  
CE Certificated  
RoHS Compliant

**Stable. Reliable.  
Flexible. Efficient**

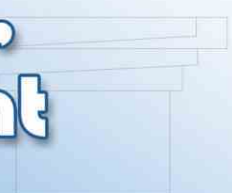
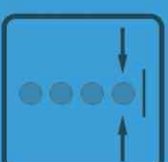
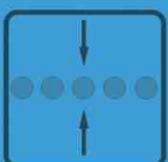
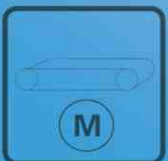
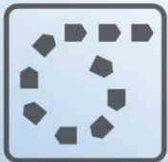
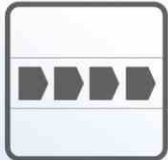
**[www.cuh-controller.com](http://www.cuh-controller.com)**

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**SDVC10-S**  
Variable Voltage Controller for Vibratory Feeder



**Model**

SDVC10-S:4A

**Features**

**Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

**Dimensions & Weight**

Dimensions:154\*42\*86.4(L\*W\*H, mm)

Weight:370g (without accessory)

**Technical Data**

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	150	220	260	V	AC RMS
Adjustable Output Voltage Range	90	—	Vin-30	V	Half Wave
	70	—	Vin-10		Full Wave
Output Power	0	—	1100	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0.2			s	
Fuse Capacity	6.3			A	
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

**SDVC11-S**  
Variable Voltage Digital Controller for Vibratory Feeder



**Model**

SDVC11-S:4A

**Features**

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake.

**Linear Voltage Control:** Rotation angle of the voltage adjustment knob is linear with output voltage of the controller.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

**Dimensions & Weight**

Dimensions:140\*58\*60(L\*W\*H, mm)

Weight:200g (without accessory)

**Technical Data**

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	150	220	260	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0.1	—	4	A	
Output Power	22	—	880	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0.5	0.65	0.7	s	
Overheat Protection Trigger Temperature	58	60	66	°C	
Fuse Capacity	6.3			A	
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

**Standard Accessories**



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark: Input power cable can be customized to fit the socket in your country.

**Vibratory Feeder Controller Expert**

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**SDVC11-M**  
Variable Voltage Digital Controller for Vibratory Feeder



**Technical Data**

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	150	220	260	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0.1	—	5	A	
Output Power	22	—	1100	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0.5	0.65	0.7	s	
Overheat Protection Trigger Temperature	58	60	66	°C	
Fuse Capacity	6.3			A	
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

**Model**

SDVC11-M:5A

**Features**

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake.

**Linear Voltage Control:** Rotation angle of the voltage adjustment knob is linear with output voltage of the controller.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

**Dimensions & Weight**

Dimensions:190\*53.6\*109.3(L\*W\*H, mm)

Weight:430g (without accessory)

**Standard Accessories**



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

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## SDVC14-S

Variable Voltage Digital Control Module for Vibratory Feeder



### Model

SDVC14-S: 4A

### Features

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake.

**Linear Voltage Control:** Rotation angle of the external potentiometer is linear with output voltage of the control module.

**Overheat Protection:** If internal temperature of the control module gets too high, the control module will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the control module will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the control module is short-circuited, the fuse inside will be blown to protect the control module and the load.

### Dimensions & Weight

Dimensions:102\*63\*27(L\*W\*H, mm)

Weight:92g

### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	150	220	260	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0.1	—	4	A	
Output Power	22	—	880	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0.5	0.65	0.7	s	
Overheat Protection Trigger Temperature	58	60	66	°C	
Remote On/Off Control Voltage	5	—	24	V	
Fuse Capacity	6.3			A	
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Standard Accessories



- 2 digit pluggable terminal blockinput
- 3 digit pluggable terminal blockinput

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## SDVC20-S

Variable Voltage Digital Controller for Vibratory Feeder



### Model

SDVC20-S:5A

### Features

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Preset Speeds:** 4 feed speeds can be preset, stored and outputted by connecting external short-circuit signals.

**Dual Switch Sensor ON/OFF Control:** 2 NPN switch sensors or PLCs can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Dimensions & Weight

Dimensions:111\*76\*48.5(L\*W\*H, mm)

Weight:285g (without accessory)

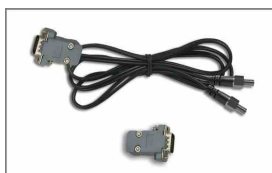
### Standard Accessories



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessorie



- Intelligent Photoelectric Sensor(1.5m)
- DB315 Signal Control Interface

### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Voltage Adjustment Accuracy	1			V	
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0	—	5	A	
Output Power	0	—	1100	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0	—	9.9	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	9.9	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	58	60	66	°C	
DC Control Output Voltage	11	12	13	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	12			V	Switching Signal
Adjustment Method	4			Button	
Fuse Capacity	6.3			A	
Standby Power Consumption	—	2	—	W	
Display Method	4			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

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## SDVC20-L

Variable Voltage Digital Controller for Vibratory Feeder



### Model

SDVC20-L:10A

### Features

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Preset Speeds:** 4 feed speeds can be preset, stored and outputted by connecting external short-circuit signals.

**Dual Switch Sensor ON/OFF Control:** 2 NPN switch sensors or PLCs can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Technical Data

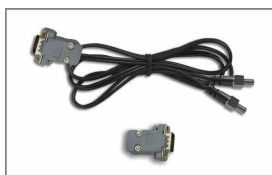
Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	380	440	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Voltage Adjustment Accuracy	1			V	
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0	—	10	A	
Output Power	0	—	3800	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0	—	9.9	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	9.9	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	58	60	66	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	4			Button	
Fuse Capacity	10			A	
Standby Power Consumption	—	2	—	W	
Display Method	4			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Dimensions & Weight

Dimensions:180\*106\*58(L\*W\*H, mm)

Weight:960g (without accessory)

### Optional Accessorie



- Intelligent Photoelectric Sensor(1.5m)
- DB315 Signal Control Interface

### Vibratory Feeder Controller Expert

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## SDVC21-S

Variable Voltage Digital Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Voltage Adjustment Accuracy	1			V	
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0	—	5	A	
Output Power	0	—	1100	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0	—	9.9	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	9.9	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	58	60	66	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Fuse Capacity	6.3			A	
Standby Power Consumption	—	2	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Model

SDVC21-S:5A

### Features

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Preset Speeds:** 4 feed speeds can be preset, stored and outputted by connecting external short-circuit signals.

**Dual Switch Sensor ON/OFF Control:** 2 NPN switch sensors or PLCs can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Dimensions & Weight

Dimensions:190\*53.6\*94.5(L\*W\*H, mm)

Weight:430g(without accessory)

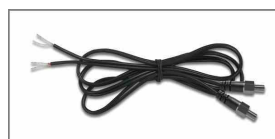
### Standard Accessories



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessorie



- Intelligent Photoelectric Sensor(1.5m)

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## SDVC21-LP

Variable Voltage Digital Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	380	440	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Voltage Adjustment Accuracy	1			V	
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0	—	10	A	
Output Power	0	—	3800	VA	
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0	—	9.9	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	9.9	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	58	60	66	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	4			Button	
Fuse Capacity	16			A	
Standby Power Consumption	—	4	—	W	
Display Method	4			Digit	LED Digital Tubes
Ingress Protection Level	IP67				
Ambient Temperature	0	25	40	°C	

### Model

SDVC21-LP:10A

### Features

**IP Grade:** Ip67. The controller keeps running well in humid, oily and dusty environment.

**Super Wide Input Operation Voltage:** Input voltage value to the controller could range from 85 to 400 AC.

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Preset Speeds:** 4 feed speeds can be preset, stored and outputted by connecting external short-circuit signals.

**Dual Switch Sensor ON/OFF Control:** 2 NPN switch sensors or PLCs can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Lightning Protection:** The controller can withstand lightning stroke below 4KV.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

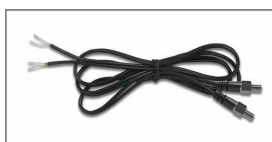
**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Dimensions & Weight

Dimensions:190\*110\*98(L\*W\*H, mm)

Weight:460g (without accessory)

### Optional Accessorie



•Intelligent Photoelectric Sensor(2m)

### Vibratory Feeder Controller Expert

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## SDVC21-XLP

Variable Voltage Digital Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	380	440	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Voltage Adjustment Accuracy	1			V	
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0	—	16		
Output Power	0	—	6080		
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130	Hz	Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0	—	9.9	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	9.9	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	58	60	66	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	4			Button	
Fuse Capacity	20			A	
Standby Power Consumption	—	4	—	W	
Display Method	4			Digit	LED Digital Tubes
Ingress Protection Level	IP67				
Ambient Temperature	0	25	40	°C	

### Model

SDVC21-XLP:16A

### Features

**IP Grade:** Ip67. The controller keeps running well in humid, oily and dusty environment.

**Super Wide Input Operation Voltage:** Input voltage value to the controller could range from 85 to 400 AC.

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Preset Speeds:** 4 feed speeds can be preset, stored and outputted by connecting external short-circuit signals.

**Dual Switch Sensor ON/OFF Control:** 2 NPN switch sensors or PLCs can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Lightning Protection:** The controller can withstand lightning stroke below 4KV.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

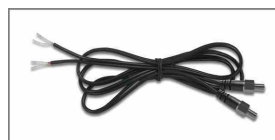
**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Dimensions & Weight

Dimensions:190\*170\*98(L\*W\*H, mm)

Weight:5800g(without accessory)

### Optional Accessorie



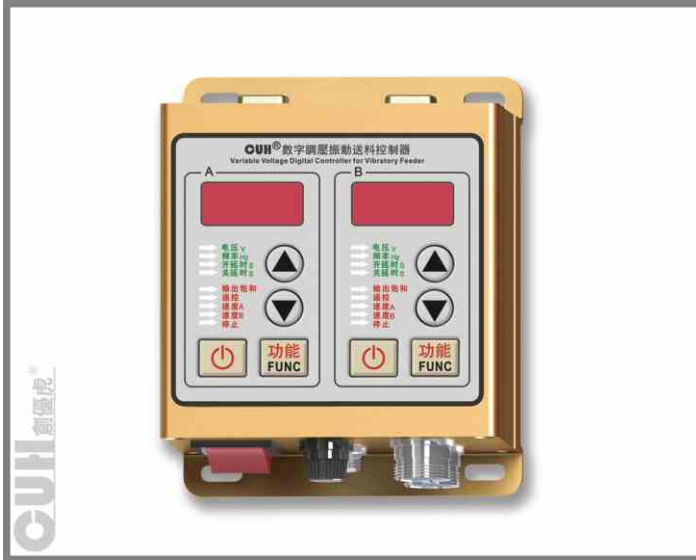
- Intelligent Photoelectric Sensor(2m)

### Vibratory Feeder Controller Expert

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## SDVC22-S

Variable Voltage Digital Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	35	—	Vin-10	V	Half Wave
	45	—	Vin-5		Full Wave
Voltage Adjustment Accuracy	1			V	
Response Time of Voltage Regulation	0	0.01	0.02	s	
Adjustable Output Current Range	0	—	5	A	Two sides combined together
Output Power	0	—	1100	VA	Two sides combined together
Output Frequency	45	50/60	65	Hz	Half Wave
	90	100/120	130		Full Wave
Output Waveform	Phase cut sine				
Soft Start Time	0	—	9.9	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	9.9	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	58	60	66	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	8			Button	
Fuse Capacity	6.3			A	
Standby Power Consumption	—	3	—	W	
Display Method	8			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Model

SDVC22-S:5A

### Features

**Automatic Voltage Regulation:** The internal digital voltage regulation circuit can reduce feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Preset Speeds:** 4 feed speeds can be preset, stored and outputted by connecting external short-circuit signals.

**Dual Switch Sensor ON/OFF Control:** 2 NPN switch sensors or PLCs can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Fuse-Short Circuit Protection:** If output of the controller is short-circuited, the fuse inside will be blown to protect the controller and the load.

**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Dimensions & Weight

Dimensions:130\*106\*57.5(L\*W\*H, mm)

Weight:500g(without accessory)

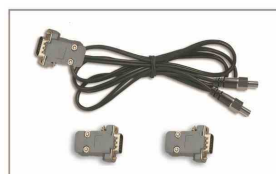
### Standard Accessories



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)\*2

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessorie



- Intelligent Photoelectric Sensor(1.5m)
- DB315 Signal Control Interface\*2

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## SDVC30-S

Variable Frequency Digital Controller for Vibratory Feeder



### Model

SDVC30-S:1.5A

### Features

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Automatic High Precision Voltage Regulation:** The internal digital voltage regulation circuit can eliminate feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Switch Sensor ON/OFF Control:** 1 NPN switch sensor or PLC can be connected to turn on/off the controller.

**Keypad Lock:** Lock all buttons on the keypad to prevent misoperation by pressing the ON/OFF button and hold for 2 seconds.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Dimensions & Weight

Dimensions:190\*53.6\*94.5(L\*W\*H, mm)

Net Weight:600g(without accessory)

### Standard Accessories



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	1.5	A	
Output Power	0	—	330	VA	
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	3	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

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**SDVC31-S、SDVC31-M**  
Variable Frequency Digital Controller  
for Vibratory Feeder



**Model**

SDVC31-S :1.5A  
SDVC31-M:3.0A

**Features**

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Automatic High Precision Voltage Regulation:** The internal digital voltage regulation circuit can eliminate feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Switch Sensor ON/OFF Control:** 1 NPN switch sensor or PLC can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Keypad Lock:** Lock all buttons on the keypad to prevent misoperation by pressing the ON/OFF button and hold for 2 seconds.

**Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

**Technical Data**

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	1.5	A	SDVC31-S-Low power
	0	—	3	A	SDVC31-M-Medium power
Output Power	0	—	330	VA	SDVC31-S-Low power
	0	—	660	VA	SDVC31-M-Medium power
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	58	60	66	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	3	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

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**Dimensions & Weight**

Dimensions:190\*53.6\*94.5(L\*W\*H, mm)  
Weight:SDVC31-S:560g(without accessory)  
SDVC31-M:610g(without accessory)

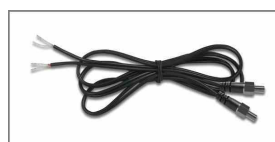
**Standard Accessories**



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

**Optional Accessorie**



- Intelligent Photoelectric Sensor(1.5m)

**SDVC31-L、SDVC31-XL**  
Variable Frequency Digital Controller  
for Vibratory Feeder



**Technical Data**

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	4.5	A	SDVC31-L-High power
	0	—	6	A	SDVC31-XL-Extra high power
Output Power	0	—	990	VA	SDVC31-L-High power
	0	—	1320	VA	SDVC31-XL-Extra high power
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	3		W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

**Model**

SDVC31-L:4.5A  
SDVC31-XL:6.0A

**Features**

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Automatic High Precision Voltage Regulation:** The internal digital voltage regulation circuit can eliminate feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Switch Sensor ON/OFF Control:** 1 NPN switch sensor or PLC can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Keypad Lock:** Lock all buttons on the keypad to prevent misoperation by pressing the ON/OFF button and hold for 2 seconds.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

**Dimensions & Weight**

Dimensions:190\*147. 8\*94.5(L\*W\*H, mm)  
Weight:SDVC31-L:1675g(without accessory)  
SDVC31-XL:1720g(without accessory)

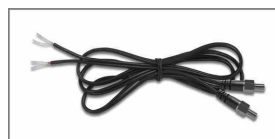
**Standard Accessories**



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

**Optional Accessorie**



- Intelligent Photoelectric Sensor(1.5m)

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## SDVC31-XLP

Variable Frequency Digital Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	the period of output voltage
Adjustable Output Current Range	0	—	6	A	
Output Power	0	—	1320	VA	
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	4	—	W	
Display Method	5			Digit	LED Digital Tubes
Ingress Protection Level	IP67				
Ambient Temperature	0	25	40	°C	

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### Model

SDVC31-XLP:6A

### Features

**IP Grade:** Ip67. The controller keeps running well in humid, oily and dusty environment.

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Switch Sensor ON/OFF Control:** 1 NPN switch sensor or PLC can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Keypad Lock:** Lock all buttons on the keypad to prevent misoperation by pressing the ON/OFF button and hold for 2 seconds.

**Lightning Protection:** The controller can withstand lightning stroke below 2KV.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

### Dimensions & Weight

Dimensions:190\*170\*98(L\*W\*H, mm)

Weight:5800g(without accessory)

### Standard Accessories



- Input Power Cable(2m)
- Output Power Cable(2m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessorie



- Intelligent Photoelectric Sensor(2m)



## SDVC31-U

Variable Frequency Digital Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	10	A	SDVC31-U-Super high power
Output Power	0	—	2200	VA	SDVC31-U-Super high power
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	3	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Model

SDVC31-U:10A

### Features

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Automatic High Precision Voltage Regulation:**

The internal digital voltage regulation circuit can eliminate feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Switch Sensor ON/OFF Control:** 1 NPN switch sensor or PLC can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Keypad Lock:** Lock all buttons on the keypad to prevent misoperation by pressing the ON/OFF button and hold for 2 seconds.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

### Dimensions & Weight

Dimensions:190\*242\*94.5(L\*W\*H, mm)

Weight:2670g(without accessory)

### Standard Accessories



●Input Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessorie



●Intelligent Photoelectric Sensor(1.5m)

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## SDVC31-UP

Variable Frequency Digital Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	the period of output voltage
Adjustable Output Current Range	0	—	10	A	
Output Power	0	—	2200	VA	
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	4	—	W	
Display Method	5			Digit	LED Digital Tubes
Ingress Protection Level	IP67				
Ambient Temperature	0	25	40	°C	

### Model

SDVC31-UP:10A

### Features

**IP Grade:** Ip67. The controller keeps running well in humid, oily and dusty environment.

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Switch Sensor ON/OFF Control:** 1 NPN switch sensor or PLC can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Keypad Lock:** Lock all buttons on the keypad to prevent misoperation by pressing the ON/OFF button and hold for 2 seconds.

**Lightning Protection:** The controller can withstand lightning stroke below 2KV.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

### Dimensions & Weight

Dimensions:190\*260\*98(L\*W\*H, mm)

Weight:9500g(without accessory)

### Standard Accessories



- Input Power Cable(2m)
- Output Power Cable(2m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessorie



- Intelligent Photoelectric Sensor(2m)

### Vibratory Feeder Controller Expert

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**SDVC34-M Series**  
Variable Frequency Intelligent Controller  
for Vibratory Feeder



**Technical Data**

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.04	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	3	A	SDVC34-MR SDVC34-MRJ
Output Power	0	—	660	VA	SDVC34-MR SDVC34-MRJ
Output Frequency	25	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
Digital Communication	ModBUS485 Communication				
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	5	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

**Model**

SDVC34-MR : Autotune Controller(RS485)  
SDVC34-MRJ : Autotune Controller (RS485 & Counting)

**Features**

**Automatic Constant Feed Speed Control:** Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the workpieces.

**Automatic Frequency Adjustment:** Automatic output frequency adjustment in real time to make sure the load is always working at its resonant frequency.

**Automatic Resonant Frequency Search:** Search out and output resonant frequency of the load. Other related parameters are also set automatically.

**Counting:** Count number of the workpieces. The controller will slow down or stop when count up to preset value. (available on SDVC34-MRJ)

**RS485 Communication:** All parameters of the controller can be adjusted via RS485.

**Dual Switch Sensor ON/OFF Control:** 2 switch sensors or PLCs can be connected to turn on/off the controller.

**Automatic Switch Sensor Type Recognition:** The controller can recognize and adapt to both PNP and NPN type switch sensors.

**Sync Output:** Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

**Dimensions & Weight**

Dimensions:190\*56\*94.5(L\*W\*H, mm)  
Weight:560g(without accessory)

**Standard Accessories**



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)
- Vibration Sensor(16g, 2m)

Remark:Input power cable can be customized to fit the socket in your country.

**Optional Accessories**



- Vibration Sensor(35g, 2m)
- Vibration Sensor(50g, 2m)
- Vibration Sensor(70g, 2m)

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**SDVC34-XL Series**  
Variable Frequency Intelligent Controller  
for Vibratory Feeder



**Technical Data**

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.04	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	6	A	SDVC34-XLR SDVC34-XLRJ
Output Power	0	—	1320	VA	SDVC34-XLR SDVC34-XLRJ
Output Frequency	25	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
Digital Communication	ModBUS485 Communication				
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	7	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

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**Model**

SDVC34-XLR : Autotune Controller(RS485)  
SDVC34-XLRJ : Autotune Controller (RS485 & Counting)

**Features**

**Automatic Constant Feed Speed Control:** Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the workpieces.

**Automatic Frequency Adjustment:** Automatic output frequency adjustment in real time to make sure the load is always working at its resonant frequency.

**Automatic Resonant Frequency Search:** Search out and output resonant frequency of the load. Other related parameters are also set automatically.

**Counting:** Count number of the workpieces. The controller will slow down or stop when count up to preset value. (available on SDVC34-XLRJ)

**RS485 Communication:** All parameters of the controller can be adjusted via RS485.

**Dual Switch Sensor ON/OFF Control:** 2 switch sensors or PLCs can be connected to turn on/off the controller.

**Automatic Switch Sensor Type Recognition:** The controller can recognize and adapt to both PNP and NPN type switch sensors.

**Sync Output:** Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

**Remote Speed Control:** Output Voltage/Feed Speed of the controller can be adjusted remotely by an external potentiometer, a PLC, a 1-5V or 4-20mA DC signal.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

**Dimensions & Weight**

Dimensions:190\*147. 8\*94.5(L\*W\*H, mm)  
Weight:1930g(without accessory)

**Standard Accessories**



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)
- Vibration Sensor(16g, 2m)

Remark: Input power cable can be customized to fit the socket in your country.

**Optional Accessories**



- Vibration Sensor(35g, 2m)
- Vibration Sensor(50g, 2m)
- Vibration Sensor(70g, 2m)

## SDVC34-UR

Variable Frequency Intelligent Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.04	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	10	A	
Output Power	0	—	2200	VA	
Output Frequency	25	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
Digital Communication	ModBUS485 Communication				
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	5	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Model

SDVC34-UR : Autotune Controller(RS485)

### Features

**Automatic Constant Feed Speed Control:** Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the workpieces.

**Automatic Frequency Adjustment:** Automatic output frequency adjustment in real time to make sure the load is always working at its resonant frequency.

**Automatic Resonant Frequency Search:** Search out and output resonant frequency of the load. Other related parameters are also set automatically.

**RS485 Communication:** All parameters of the controller can be adjusted via RS485.

**Dual Switch Sensor ON/OFF Control:** 2 switch sensors or PLCs can be connected to turn on/off the controller.

**Automatic Switch Sensor Type Recognition:** The controller can recognize and adapt to both PNP and NPN type switch sensors.

**Sync Output:** Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

**Remote Speed Control:** Output Voltage/Feed Speed of the controller can be adjusted remotely by an external potentiometer, a PLC, a 1-5V or 4-20mA DC signal.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

### Dimensions & Weight

Dimensions:190\*242\*94.5(L\*W\*H, mm)  
Weight:2670g(without accessory)

### Standard Accessories



- Input Power Cable(1.5m)
- Vibration Sensor(16g, 2m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessories



- Vibration Sensor(35g, 2m)
- Vibration Sensor(50g, 2m)
- Vibration Sensor(70g, 2m)

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## SDVC35-M

Variable Frequency Intelligent Controller for Vibratory Feeder



### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	260	V	Lower than 150% of Input Voltage
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	Real Time				Voltage regulation for each waveform
Adjustable Output Current Range	0	—	3	A	
Output Power	0	—	660	VA	
Output Frequency	25	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
Digital Communication	ModBUS485 Communication				
	Industrial Ethernet				
DC Control Output Voltage	22	24	26	V	Dual 24V Output
DC Control Output Current	0	—	200	mA	
Analog Control Signal	4 - 20			mA	1 current channel remote speed control
	1-5			V	3 voltage channel remote speed control
	0-5				
0-10					
Digital Control Signal	24			V	Switching Signal
Adjustment Method	1 Button+1 rotary encoder				
Standby Power Consumption	—	7	—	W	
Display Method	128*64				OLED Matrix Display
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

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### Model

SDVC35-M : Autotune Controller

### Features

**Automatic Constant Feed Speed Control:** Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the workpieces.

**Automatic Frequency Adjustment:** Automatic output frequency adjustment in real time to make sure the load is always working at its resonant frequency.

**Automatic Resonant Frequency Search:** Search out and output resonant frequency of the load. Other related parameters are also set automatically.

**Counting:** Count number of the feed material. The controller will slow down or stop when count up to preset value.

**RS485 Communication:** All parameters of the controller can be adjusted via RS485.

**Network Communication:** All parameters of the controller can be adjusted via network communication.

**Output Current Display:** Output current can be displayed in real time.

**Firmware Upgrade:** Firmware can be upgraded remotely.

**Type of Control Output:** Push-pull type.

**Dual Switch Sensor ON/OFF Control:** 2 switch sensors or PLCs can be connected to turn on/off the controller.

**Automatic Switch Sensor Type Recognition:** The controller can recognize and adapt to both PNP and NPN type switch sensors.

**Sync Output:** Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

### Dimensions & Weight

Dimensions:190\*56\*94.5(L\*W\*H, mm)  
Weight:560g(without accessory)

### Optional Accessorie



●Vibration Sensor(16g, 2m)

## SDVC40-S

Variable Frequency Digital Controller  
for Piezo Vibratory Feeder



### Model

SDVC40-S: 150mA

### Features

**Capacitive Load:** The controller is adaptive to resistive load, inductive load and specially capacitive load such as a piezo vibrator.

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Switch Sensor ON/OFF Control:** 1 NPN switch sensor or PLC can be connected to turn on/off the controller.

**Photoelectric Sensor ON/OFF Control:** The CUH Intelligent Photoelectric Sensor can be connected to turn on/off the controller.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**DC Control Output:** The controller can output low voltage DC power associated with ON/OFF Control of the controller to drive a solenoid or other external devices.

**Keypad Lock:** Lock all buttons on the keypad to prevent misoperation by pressing the ON/OFF button and hold for 2 seconds.

**Overvoltage Protection:** If input voltage is too high, power supply of the controller will be shutdown automatically to protect itself.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	0	—	220	V	
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	150	mA	
Output Power	0	—	33	VA	
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	4	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Dimensions & Weight

Dimensions:190\*53.6\*94.5(L\*W\*H, mm)

Weight:1050g(without accessory)

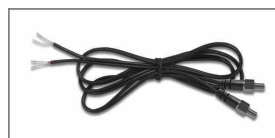
### Standard Accessories



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessorie



- Intelligent Photoelectric Sensor(1.5m)

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## SDVC41-M

Variable Frequency Intelligent Controller for Piezo Vibratory Feeder



### Model

SDVC41-M: 300mA

### Features

**Capacitive Load:** The controller is adaptive to resistive load, inductive load and specially capacitive load such as a piezo vibrator.

**Automatic Constant Feed Speed Control:** Automatic output voltage adjustment in real time to ensure constant preset feed speed regardless of weight change of the workpieces.

**Automatic Frequency Adjustment:** Automatic output frequency adjustment in real time to make sure the load is always working at its resonant frequency.

**Automatic Resonant Frequency Search:** Search out and output resonant frequency of the load. Other related parameters are also set automatically.

**RS485 Communication:** All parameters of the controller can be adjusted via RS485.

**Dual Switch Sensor ON/OFF Control:** 2 switch sensors or PLCs can be connected to turn on/off the controller.

**Automatic Switch Sensor Type Recognition:** The controller can recognize and adapt to both PNP and NPN type switch sensors.

**Sync Output:** Sync output waveform of the slave controller with that of the master controller to the same frequency and phase to avoid beat effect.

**Remote Speed Control:** Output Voltage/Feed Speed of the controller can be adjusted remotely by an external potentiometer, a PLC, a 1-5V or 4-22mA DC signal.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	85	220	260	V	AC RMS
Adjustable Output Voltage Range	20	—	220	V	
Voltage Adjustment Accuracy	1			V	
Voltage Regulation Accuracy	0	—	10	%	$\Delta V_{out}/\Delta V_{in}$
Response Time of Voltage Regulation	0.0025	—	0.025	s	1/10 of the period of output voltage
Adjustable Output Current Range	0	—	300	mA	
Output Power	0	—	66	VA	
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
Overheat Protection Trigger Temperature	60	65	65	°C	
Digital Communication	ModBUS485 Communication				
DC Control Output Voltage	22	24	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	6			Button	
Standby Power Consumption	—	3	—	W	
Display Method	5			Digit	LED Digital Tubes
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Dimensions & Weight

Dimensions:190\*56\*94.5(L\*W\*H, mm)  
Weight:600g(without accessory)

### Standard Accessories



- Input Power Cable(1.5m)
- Output Power Cable(1.5m)
- Vibration Sensor(16g, 2m)

Remark:Input power cable can be customized to fit the socket in your country.

### Optional Accessories



- Vibration Sensor(35g, 2m)
- Vibration Sensor(50g, 2m)
- Vibration Sensor(70g, 2m)

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## SDVC50

Variable Frequency Digital Controller  
for Vibratory Feeder (Low Input Voltage)



### Model

SDVC50: 5A

### Features

**Frequency Adjustment:** Output frequency of the controller can be manually adjusted to resonant frequency of the vibratory feeder to get smooth, quiet and energy-saving feed effect.

**Automatic High Precision Voltage Regulation:** The internal digital voltage regulation circuit can eliminate feed speed variation caused by mains voltage fluctuation.

**Time Adjustable Soft Start:** The controller will gently increase output voltage from 0 to the preset value when power on to avoid sudden shake. Soft start time can be digitally preset.

**Remote Speed Control:** Output Voltage of the controller can be adjusted remotely by an external potentiometer, a PLC, or a 1-5V DC signal.

**Digital Overheat Protection:** If internal temperature of the controller gets too high, the controller will stop its output to protect itself.

**Overcurrent Protection:** If output current exceeds its rated value, the controller will stop its output to protect itself and the load.

**Restorable Short Circuit Protection:** If output of the controller is short-circuited, the controller will shut down its output to protect itself and the load. But the fuse inside will not be blown. So when there is no short circuit at the output side, the controller will work again after power on.

**Max Adjustable Output Voltage:** Max Adjustable Output Voltage can be preset to protect the load from damage caused by too high voltage.

### Technical Data

Item	Range			Unit	Description
	Min	Typical	Max		
Input Voltage	12	—	36	V	DC Input
Adjustable Output Voltage Range	0	—	36	V	
Voltage Adjustment Accuracy	1			V	
Adjustable Output Current Range	0	—	5	A	
Output Power	0	—	180	VA	
Output Frequency	40	—	400	Hz	
Frequency Adjustment Accuracy	0.1			Hz	
Output Waveform	sine				
Soft Start Time	0	—	10	s	Factory Default Value:0.5
On/Off Delay Time Range	0	—	20	s	Factory Default Value:0.2
On/Off Delay Time Accuracy	0.1			s	
DC Control Output Voltage	22	—	26	V	
DC Control Output Current	0	—	200	mA	
Analog Control Signal	1-5			V	Remote speed Control Voltage
Digital Control Signal	24			V	Switching Signal
Adjustment Method	CAN BUS				
Standby Power Consumption	—	3	—	W	
Ambient Temperature	0	25	40	°C	No Condensation
Ambient Humidity	10	60	85	%	

### Dimensions & Weight

Dimensions:190\*38.8\*94.5(L\*W\*H, mm)  
Weight:560g(without accessory)

### Vibratory Feeder Controller Expert

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**Function Table**

	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	Controller Reset																													
	Short-Circuit Protection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Overvoltage Protection																													
	Overcurrent Protection		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Overheat Protection		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Keypad Lock																													
	Max Adjustable Output Voltage																													
	Counting																													
	Industrial Ethernet																													
	RS485 Communication																													
	DC Control Output																													
	Remote Speed Control																													
	Dual Switch Sensor ON/OFF Control																													
	Switch Sensor ON/OFF Control																													
	Photoelectric Sensor ON/OFF Control																													
	Preset Speeds																													
	Sync Waveforms																													
	Soft Start	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Automatic Constant Feed Speed Control																													
	Automatic Voltage Regulation		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Automatic Voltage & Frequency Adjustment																													
	Frequency Adjustment																													
	Voltage Adjustment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Low Voltage DC Input																													
	220 V AC Input	✓	✓	✓	✓																									
	220/110 V AC Input																													
	380/220/110 V AC Input																													
	OLED Matrix Display																													
	LED Digital Tubes Display																													
		SDVC10-S	SDVC11-S	SDVC11-M	SDVC14-S	SDVC20-S	SDVC20-L	SDVC21-S	SDVC21-LP	SDVC21-XLP	SDVC22-S	SDVC30-S	SDVC31 Series	SDVC31-XLP	SDVC31-UP	SDVC34 Series	SDVC35-M	SDVC40-S	SDVC41-M	SDVC50										

Note: △ represents this function is available for some models.

## Vibratory Feeder Controller Specialist Provide Professional Service

**CUH** is a high-tech enterprise which co-operates with Southeast University, Nanjing University of Science and Technology and some others. We mainly research, develop and produce automatic feeding systems and intelligent production equipments. Relying on the precise and pragmatic work attitude and strong technical force, CUH has gained a high popularity in domestic and international vibratory feeding fields by our reliable and stable products after a long and unremitting effort.

**CUH** has developed products which are well known and universally acknowledged in the vibratory feeding world through self-directed innovation and formed a complete product line from entry-level to high-end. CUH has become the leader of vibratory feeder controller by our stable, reliable, efficient and energy saving products. We can provide solutions to all kinds of control, drive and power supply requirements.

**CUH** is devoted to provide total solutions of vibratory feeding. You can get not only independent components, but a complete intelligent feeding system which has automatic setting, automatic monitoring and automatic adjusting functions.

ISO9001 Quality Management Systems Certificated  
CE Certificated  
RoHS Compliant

**Stable. Reliable.  
Flexible. Efficient**

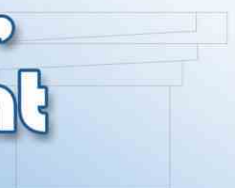
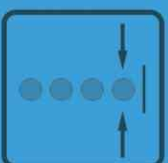
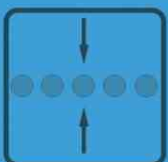
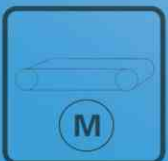
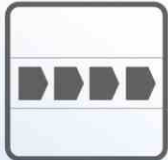
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