

# ARD-JS1 Power Failure Emergency Rescue Device Manual

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## Chapter 1 Safety Information

### 1.1 The Definition of Safety

<b>Danger</b>	If it is used incorrectly, it may cause a dangerous situation, personal injury or significant loss of property.
<b>Caution</b>	If it is used incorrectly, it may cause dangerous situation and result in minor or moderate personal injury, damaging to improper operation of the device.
<b>Tip</b>	In order to better use the product or achieve better use of some tips.

### 1.2 Precautions for Installation and Cable Distribution

<p>Wiring must be carried out by a professional person, otherwise there is a risk of electric shock. When installing and wiring, power off the device and other devices connected to it, such as frequency converters, and wait 5 to 10 minutes to confirm that the power stored on the internal capacitor of each related device is discharged before operation to ensure safety.</p> <p>The grounding terminal of the device must be reliably grounded, otherwise there is the risk of electric shock.</p>

<p>The device should be installed in a well-ventilated place, otherwise it may cause the equipment fail to work normally even damage.</p>

### **1.3 Precautions for Use**

<p>After the power is turned on, the internal components of the device have dangerous high voltage, which will be extremely severe if a person's body is in direct contact , it may even threaten his life.</p>

<p>You should avoid letting screws, gaskets and other metal items fall into the device, otherwise there will be a risk of equipment damage and ensure that the case cover is properly closed during use.</p>

### **1.4 Others**

<p>The machine should be disposed of as industrial waste, and incineration is strictly prohibited, otherwise there may be a risk of explosion.</p>

## Chapter 2 Precautions for Unpacking and Acceptance Inspection

### 2.1 Checking the Appearance of Unpacking

ARD-JS1 series elevator power outage emergency rescue devices have passed strict testing and quality inspection before leaving the factory. Before unpacking, check the packaging carefully for any damage caused by careless transportation.

### 2.2 Product Acceptance

After opening the package, please confirm the following items:

(1) Confirm whether the model on the product label is the product model you ordered;

Model	Adaptive Motor Power
ARD-JS1-4015	15KW and below
ARD-JS1-4037	18.5KW and below

(2) Check for parts damage, falling off and front cover or body depression caused by transportation.

Do not install damaged or missing parts ARD-JS1 elevator power outage emergency rescue device, otherwise there is a risk of injury. If there is any packaging damage or product problems, please contact the company or the supplier in time.

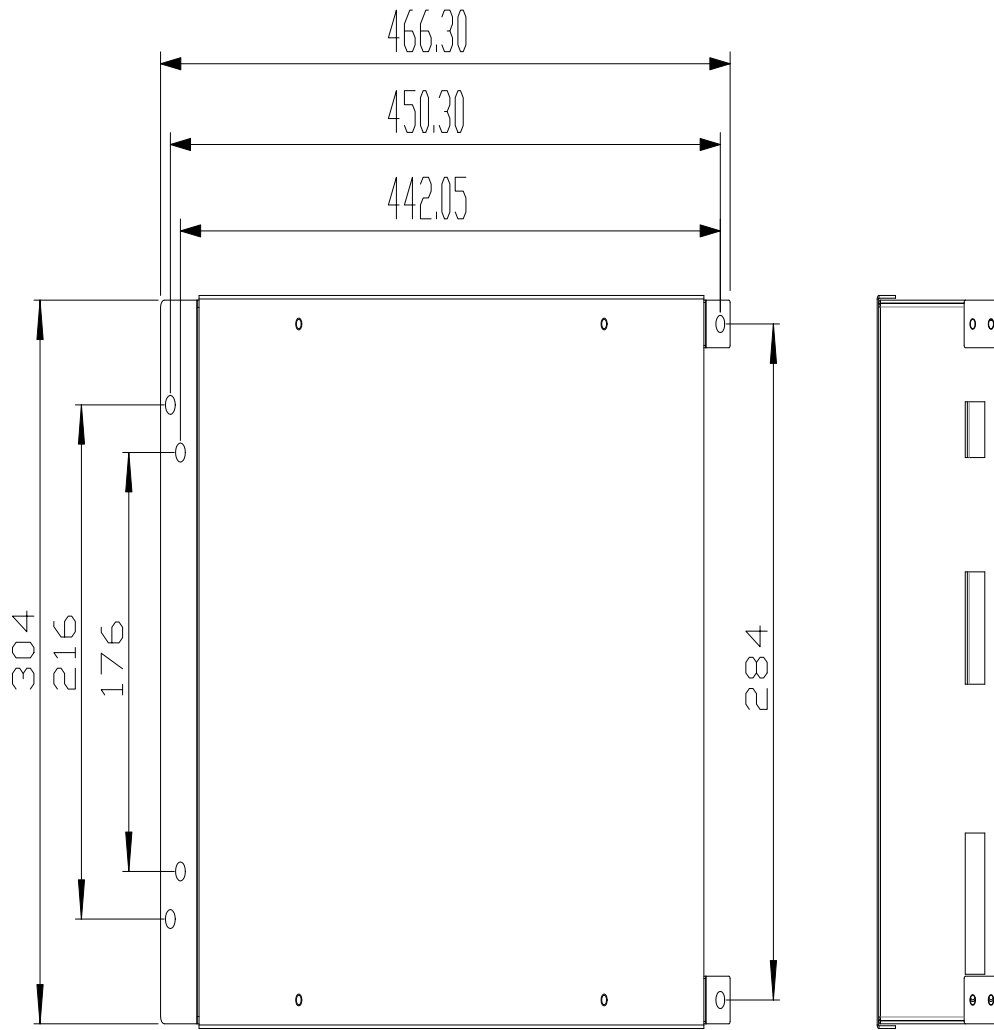
## Chapter 3 Model and Specification

### 3.1 Technical Specification

Model	ARD-JS1-4015	ARD-JS1-4037
Overload	$\leq 15\text{kw}$	$\geq 18.5\text{kw}$
Input Power	AC220V	
Output Power	AC220V/DC650V	
Charging time	24 hours	
Efficiency	90%	
Protection	Output overload and short circuit protection, low/high DC output protection	

### 3.2 Product Appearance and Installation Dimensions

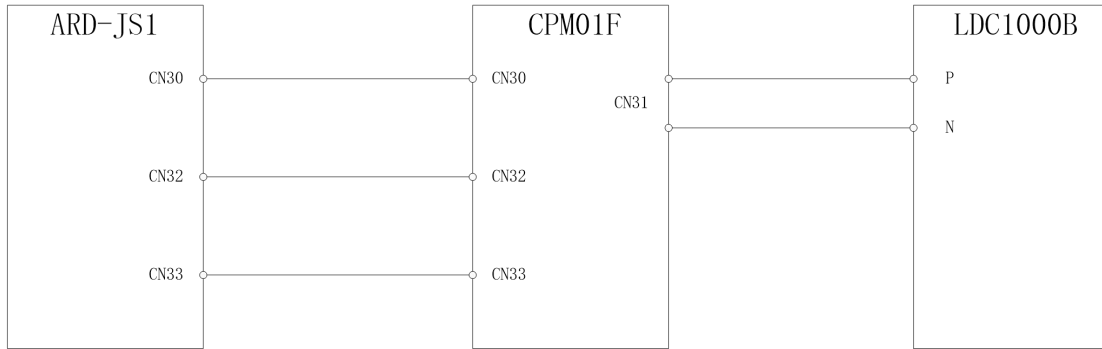
Product dimensions are as follows:



## Chapter 4 Wiring

The ARD-JS1 elevator emergency rescue device is used with the CPM01F interface board and LDC1000B integrated machine.

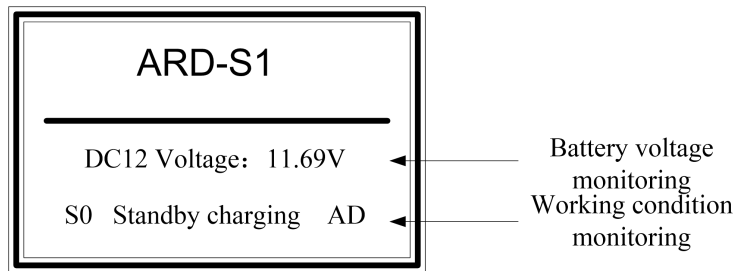
Use the prefabricated cable delivered with the device to connect the CPM01F interface board



## Chapter 5 Status Monitoring

The handheld operator of the LDC1000B all-in-one can monitor the status of the ARD-JS1 elevator emergency rescue device.

The following interface is displayed:



## Chapter 6 Maintenance, Common Faults and Description

1. It must be charged when it is the first time to use or in long-term use.
2. It is recommended that if there is no power failure, power failure can be 3 to 6 months to do a discharge. If the battery charging voltage or discharge characteristics are abnormal, please replace the battery.
3. When there is a need to power off the elevator maintenance, please be sure to first turn off the ARD-JS1 operating switch to prevent accidental injury.