



# The cable car uses the 24V charger equipment specification



## Electrical Specification

AC input	Voltage : 3Φ440V±10% Frequency : 50 or 60Hz±5%
Power factor	0.7(at full load)
Output capacity	12kW
Output voltage	Float voltage : 29.6V± Equalize voltage : 31V±
Voltage regulation	±1%
Efficiency	>80%(at rated load)
Current limit	adjustable from 50% to 130%
Ripple	<1%RMS(at full load)

## Noise

Audible noise at 1 meter ≤ 65 dBA

## Cooling

Natural cooling

## Alarms

- AC power indication
- Float charging indication
- Equalize charging indication
- Over current alarm
- Failure charging indication
- DC high voltage alarm
- DC low voltage alarm

## Protection

- Soft start function
- Constant Voltage / Current Limit / Automatic feedback control
- DC Output : over load and high voltage protection
- Over current protection
- Over temperature protection
- Remote alarm dry contact
- 24 hr equalizing timer setting
- Waterproof rank: IPX4
- Battery temperature compensation function

## Vibration measuring testing :

The railroad car parts are following JIS4031, the vibration measuring testing 2B and JIS4032, the impact testing 1A.

## Environmental:

- Environmental temperature : 0~40°C
- Humidity : 0~90%, non-condensing

## Insulation resistance and voltage withstand

- Dielectric withstand voltage testing:** Pure sine wave voltage 2.5 kVdc- output earth within 1 minute.
- Insulation resistance testing :** The minimum insulation resistance specified is 100 MΩ at 1 kV.

