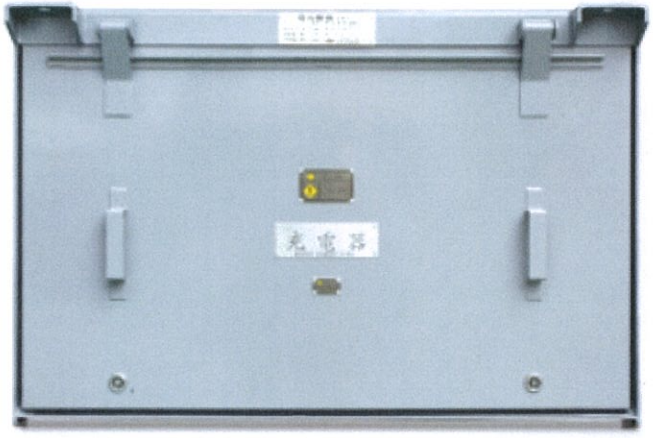
The cable car uses the 110V charger equipment specification

Electrical Specification

AC input	Voltage：3Φ440V±10%
	Frequency：50 or 60Hz±5%
Power factor	0.8(at Full load)
Output capacity	21kW
Output voltage	Float voltage：112.5V±5%(adjustable)
	Equalize voltage：117.8V±5%(adjustable)
Voltage regulation	±1%
Efficiency	>80%(at rated load)
Current limit	adjustable from 50% to 130%
Ripple	<1%RMS(at full load)



Noise

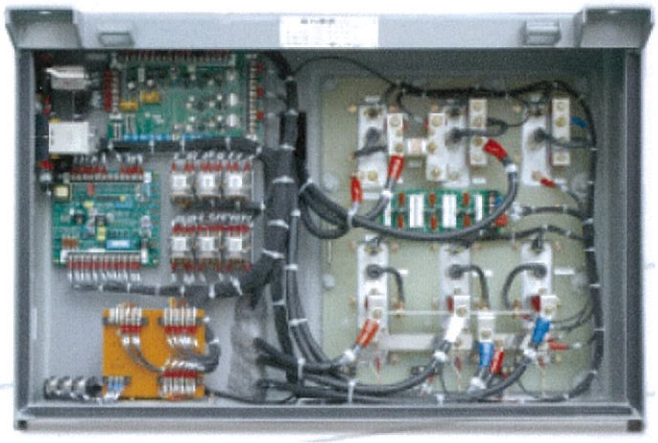
Audible noise at 1 meter≦ 65 dBA

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℃
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.