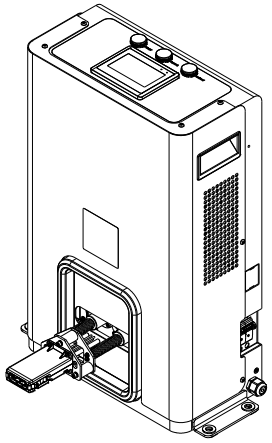
MR-RA-CH-48/30B-CI(CE)

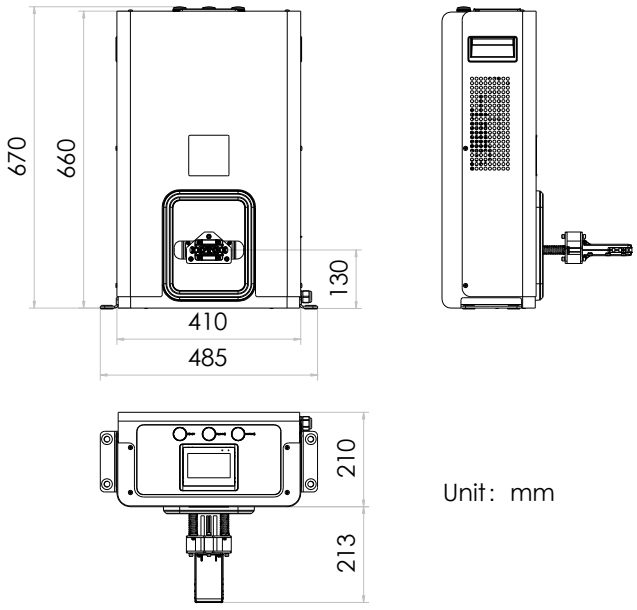
Charging Station



Key Feature

- Adopts battery management system, monitors battery changes in real time, and shuts off power if exception occurs.
- Takes high-power charger for quick charging.
- Automatic charging mode and manual charging mode meet requirements of different circumstances.
- Adopts human-machine interaction interface to display the charging station voltage, current, working status, alarm information, etc. via touch screen.
- Self-protection functions include input overvoltage protection, input under voltage protection, output overvoltage protection, output overcurrent protection, short circuit protection, over-temperature protection, etc.
- When the AMR connects to the charging station, the linear guide reduces left and right floating, the spring reduces front and rear buffering, and the rubber shock-absorbing pad controls angular deflection.
- Adopts small size.

Dimension



Unit: mm

Available Model

MR-RA-CH-48/30B-CI(CE)

Specification

Model	MR-RA-CH-48/30B-CI(CE)		
Basic Parameters	Dimension		485 mm × 423 mm × 670 mm (19.09" × 16.65" × 26.38")
	Weight		29 kg (63.93 lb.)
	Standard		EN 62477-1
	VOC		III
	Pollution Degree		2
	Ingress Protection		IPXXB
	Electronic System Type		TN
	Protective Class		1
	Icn of Circuit Breaker		6 KA
	Short-Circuit Fault Current		1 KA
	Minimum Required Prospective Short-Circuit Current		5 KA
	Distance Above Ground from Charging Port		130 mm (5.12")
	Human-Machine Interaction		Touch screen
Installation	Connection		Breaker crimping
	Location		Should be placed in the same map with the AMR
	Network Requirements		None
Charging	Charging Position		Rear
	Charging Method		Auto charge, manual charge
	Charging Time		1.5 h
Power Consumption	Input	AC Input Voltage	200 VAC to 240 VAC
		AC Input Frequency	50 Hz & 60 Hz
		Max. Input Current	20 A
	Output	Max. Output Voltage	42 V to 59 V
		Max. Output Current	0.1 A to 56 A
Safety Performance	Input Overvoltage Protection		Support
	Input Under Voltage Protection		Support
	Output Overvoltage Protection		Support
	Output Overcurrent Protection		Support
	Short Circuit Protection		Support
	Over-Temperature Protection		Support
Environment Parameter	Working Temperature		–10°C to 45°C (14°F to 113°F)
	Storage Temperature		–20°C to 85°C (–4°F to 185°F)
	Working Humidity		10% to 95%
	Storage Humidity		10% to 95%
	Working Altitude		≤ 2000 m

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