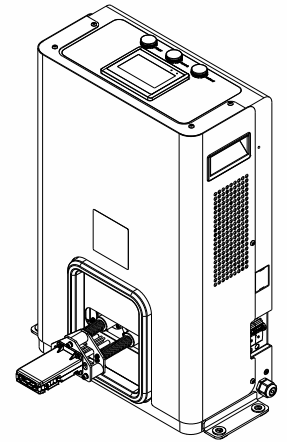


MR-RA-CH-48/30B-CI(CE)

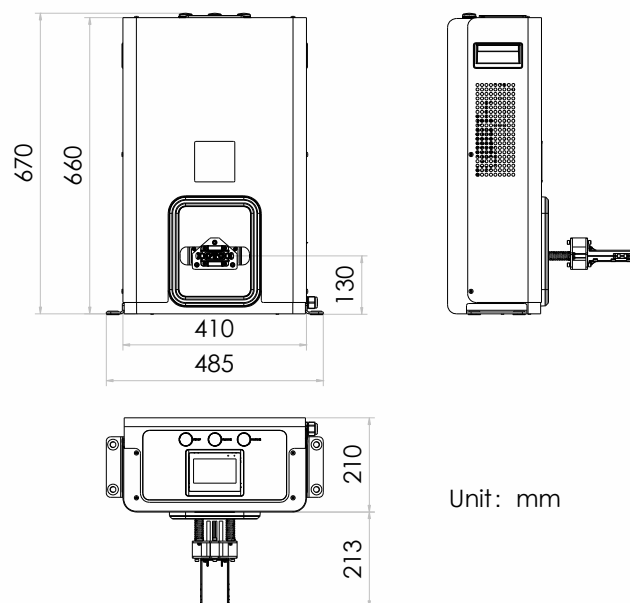
Charge Station



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 charge
- Automatic charge mode and manual charge mode meet requirements of different circumstances
- With human-machine interaction interface, displays the charge station voltage, current, working status, alarm information, etc. via touch screen
- Self-protection functions include protections of 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 charge station, the linear guide reduce left and right floating, the spring reduce front and rear buffering and the rubber shock-absorbing pad control angular deflection
- Adopts standard power socket, and small in size

Appearance



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 Ratings	IPXXB	
	Electronic system type	TN	
	Protective class	I	
	Icn of circuit breaker	6KA	
	Short-circuit Fault Current	1KA	
	Minimum required prospective short-circuit current	5KA	
	Distance above the ground from the charge interface	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	
Charge	Method	Rear charge	
	Mode	Manual, auto	
	Time	1.5 h	
Power Consumption	Input	AC Input Voltage	100-119 VAC, 119-240 VAC
		AC Input Frequency	50 & 60 Hz
		Rated Input Current	15.5 A, 16.5 A
	Output	DC Output Voltage	42-59 V
		Output Short-circuit Current	560 A
		Output Current	0.1-30 A
Safety Performance	Input Overvoltage Protection		Supports
	Input Under Voltage Protection		Supports
	Output Overvoltage Protection		Supports
	Output Overcurrent Protection		Supports
	Short Circuit Protection		Supports
	Over-Temperature Protection		Supports
Environment Parameters	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

HIKROBOT

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