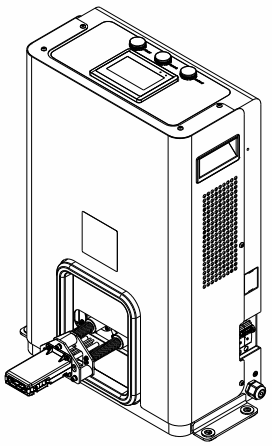
MR-RA-CH-48/56B-CI(CE)

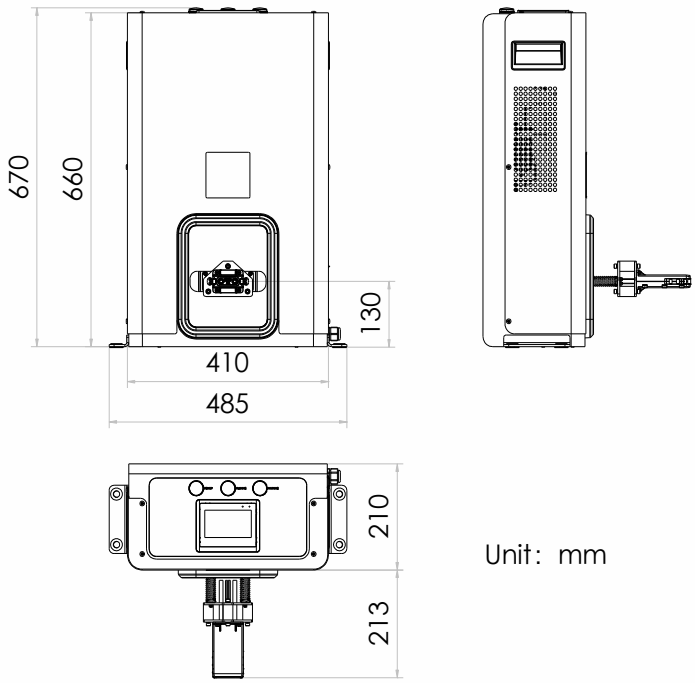
Charge Station



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-48/56B-CI(CE)

Specification

Model	MR-RA-CH-48/56B-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	200-240 VAC
		AC Input Frequency	50 & 60 Hz
		Rated Input Current	16.5 A
	Output	DC Output Voltage	42-59 V
		Output Short-circuit Current	560 A
		Output Current	0.1-56 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 90 %
	Storage Humidity		10 % to 90 %
	Working Altitude		≤ 2000 m

HIKROBOT

Hangzhou Hikrobot Co., Ltd.
en.hikrobotics.com

© Hangzhou Hikrobot Co., Ltd. All Rights Reserved.
Hangzhou Hikrobot does not tolerate any infringement. Any organization or individual may not imitate or reproduce in whole or in part of the content. The data herein is based on Hikrobot's internal evaluation. Actual data may vary depending on specific configuration and operating condition. The information herein is subject to change without notice All the content has been checked conscientiously. Nevertheless, Hikrobot shall not be liable to damages resulting from errors, inconsistencies or omissions.