

Ultra-fast charging speed

300A+300A charging connectors as the standard configuration, and provide 500A+300A option to satisfy high-speed charging requirements. The charger can add up to 400 kilometers in 10 minutes, making EV charging as easy as filling up with petrol cars.

Maximize ROI of charging business

Charging time can be significantly shortened by taking advantage of flexible matrix power switching technology to increase utilization of the charging station. As well as easy maintenance requirements of the distributed charger with low labor and maintenance costs which enables high ROI for your charging business.

Built to meet future demands

The power bank can be easily upgraded from 360kW to 480kW by adding power modules to expand the capacity for a single cabinet, and support to increase the number of power banks allocated once power is lacking at the charging station. The user terminal is available in the liquid-cooling connector, which provides a single way to deliver higher power compared to air-cooled connectors.

360-480kW Distributed Charger

SEC480 is a futuristic product, with scalable and upgradable charging system to suit future demands. It contains 1 power bank and up to 3 user terminals, amounts of the EV chargers in accordance with the power capacity and charging spots of the site. The power can be shared dynamically and automatically with the flexible full-matrix power sharing technology, offering you the best opportunity to maximize the revenue and optimize profitability of the charging business.

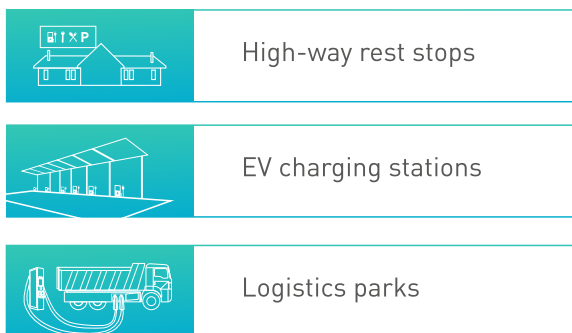
Dimensions



Power Bank

User Terminal

Charging applications



Key Features

- 01 Flexible matrix power switching
- 02 High power conversion efficiency
- 03 Scalable charging system
- 04 Industry-leading protection ratings and functions

Specifications

General	
Enclosure	304 stainless steel
Protection rating	IP55/NEMA3R, Ik10
Ambient temperature	-30°C ~ +65°C (-22°F ~ 149°F)
Rh	5% ~ 95%
Altitude	≤2000m (≤6562ft)
Communication	LAN/4G
Protocol	OCPP1.6J (upgradable)
EMC	Class A (Industrial)
Power bank	
Input voltage	AC480V±10%
Input type	L1+L2+L3+N+PE
Frequency	45~65Hz
Power factor	0.99
Peak efficiency	≥96% (Full load ≥96%)
Power output	360~480kW
Maximum output current	1600A
Weight	≤880kg (≤1940.5lbs)
User Terminal	
Output voltage	50~1000V
Constant voltage range	300~1000V
Number of connectors	6(at most)
Maximum current per connector	CCS1(conventional cooling): 200A/300A CCS1(liquid cooling): 500A CHAdeMO: 125A
Cable length	5m(16.4ft)
Load sharing	Flexible load distribution according to user requirements
Incremental unit for output power distribution	40kW
Payment method	Visa/Master/RFID/Apple Pay etc.

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