

PowerMaster

Charging Today.
Powering Tomorrow.



SETEC POWER

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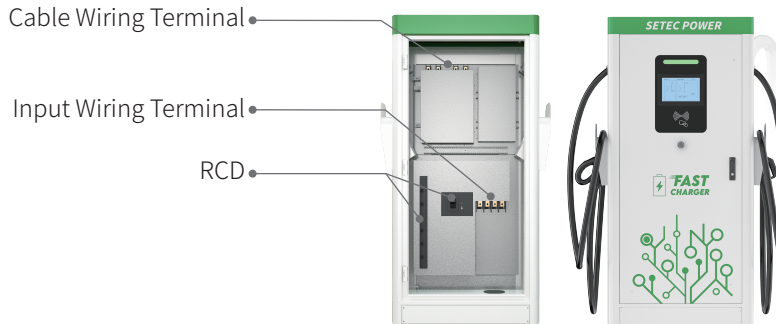
PowerMaster

60kW-120kW

PowerMaster eliminates concerns regarding charging safety and battery health, featuring UL certification as one of the safest charging stations on the market. This dedication to safety is reflected in every component, all of which are UL certified. Installed at airports, shopping centers, hospitals, and other high-security venues, PowerMaster delivers comprehensive and secure charging solutions to ensure the protection of public property and personnel.



System Demonstration



Product Features

UL Certified

Embodied in every component, all of these components clouding the entire charging station are UL certified for security.

Stringent Security

Its electrical design and materials are strictly tested to ensure that there will be no short circuit and other hazards under high power.

Protocol Protection

Protocol (OCPP) communicates with BMS to detect security parameters and adjust current and voltage to avoid damage to battery.

Temperature Control

Upgrade temperature control system to reduce the power for overheated devices, preventing faults or accidents caused.

Application Scenario



Data	Model	60kW	90kW	120kW
Electrical Specification	Input Voltage	480Vac Three-phase		
	Input Specification	3P+N+PE		
	Input Frequency	50/60Hz (±10%)		
	Output Voltage	200-1000Vdc		
	Output Current	125A	240A	250A
Electrical Parameter	Power Factor	≥0.99		
	Efficiency	≥95% (50%-100% load)		
	Stable Voltage Accuracy	≤±0.5%		
	Stable Current Accuracy	≤±1%		
Configuration	Inside Power Module	30kW*2	30kW*3	30kW*4
	Network	Ethernet / WIFI / 4G		
	Communication	OCPP 1.6 / OCPP 2.0.1 / TCP		
	Touch-Display	10" Daylight Readable		
	Payment Method	RFID / POS / OCPP		
Security	Multiple Protection	Over/Under Voltage Protection, Overload Protection, Short Circuit Protection, Over/Under Temperature Protection, Surge Protection, Communication Failure.		
	MTBF	100,000 hours		
	Protection Grade	Type 3R		
Working Environment	Operation Temp	-30°C to +50°C (-22°F to +122°F)		
	Working Humidity	5%-95% Without Condensation		
	Working Altitude	<2000m		
	Cooling Method	Fan Cooling		
Product	Cable Length	5m (standard)		
	Warranty	2 years		
	Dimension	850*550*1780mm		
	Net Weight	290kg	310kg	330kg
Optional	Adapters	CCS1 & CHAdeMO		