

PowerBox

Charging Today.
Powering Tomorrow.



SETEC POWER

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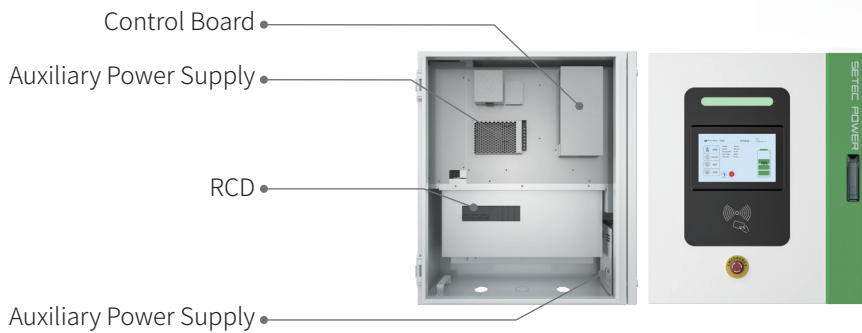
PowerBox

10kW-60kW

PowerBox effectively addresses the challenge of limited parking space by requiring only a wall for installation. In contrast to traditional bulk charging stations that diminish available parking spots, the compact design of PowerBox significantly increases your parking capacity. When deployed in expansive commercial parking lots, it can elevate the proportion of accessible spaces, augment the total number of parking spots, and optimize utilization rates across these facilities. Furthermore, PowerBox with compact size can also be installed at residential locations for DC fast charging.



System Demonstration



Product Features

Customizable

Custom Individual Solutions

- Shape
- Appearance
- Power
- Languages
- Adapters
- Cable Length

Adapt Single-phase

Make electrification built where there is electricity without three-phase electricity due to supporting low input voltage single-phase.

Shrunk Charger

Remove the limitation of space size, increase the number of charging points, install in every corner of expansive commercial parking lots.

Global Protocols

Fully compatible with various protocols (OCPP 1.6, OCPP 2.0.1, TCP), making to charge adapting CCS, NACS, and others.

Application Scenario



Data	Model	10kW	20kW	30kW	60kW
Optional	Adapters	CCS1 / CCS2 / CHAdeMO / GB/T / NACS			
	Input Voltage	480/380/220Vac Three-phase / 220Vac Single-phase			
Electrical Specification	Input Specification	3P+N+PE / 3P+PE / L+N+PE			
	Input Frequency	50/60Hz ($\pm 10\%$)			
	Output Voltage	150-1000Vdc			
	Output Current	10/20A	20/40A	63/100A	125/200A
Electrical Parameter	Power Factor	≥ 0.99			
	Efficiency	$\geq 95\%$ (50%-100% load)			
	Stable Voltage Accuracy	$\leq \pm 0.5\%$			
	Stable Current Accuracy	$\leq \pm 1\%$			
Configuration	Inside Ower Module	10kW*1	10kW*2	30kW*1	30kW*2
	Network	Ethernet / WIFI / 4G			
	Communication	OCPP 1.6 / OCPP 2.0.1 / TCP			
	Touch-Display	7" 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	IP 54			
Working Environment	Operation Temp	-30°C to +65°C (-22°F to +149°F)			
	Working Humidity	5%-95% Without Condensation			
	Working Altitude	<2000m			
	Cooling Method	Fan Cooling			
Product	Cable Length	5m (standard)			
	Warranty	2 years			
	Dimension	500*300*715mm		612*260*710mm	653*385*960mm
	Net Weight	43kg	50kg	60kg	116kg

*Unique custom needs please talk to SETEC POWER