

EnergyForce PowerStack

Satellite EV Charging
Solution



Features

- ▶ Comply with CCS, Chademo connectors
- ▶ Flexible power distribution function, dynamically adjust output power according to the demand of electric vehicles.
- ▶ Multi outlets to charge multiple vehicles simultaneously, the output and power as follows:
configurable 2~12 outlets, 30~180KW flexible output.
- ▶ 12.1 inch LCD/LED screen to display information in real time, easy operation and interactive user interface.
- ▶ Supports Web & mobile based payment methods.
- ▶ Insulation monitoring function, automatically turn off output to ensure safe charging.

- ▶ Provides maximum utilisation and modular concept for scalability.
- ▶ High efficiency and high reliability, as well as fast maintenance, with flexible capacity expansion protection.

Smart App

Connect to the EnergyForce PowerStack integrated dashboard to view and control the charger or integrate to the EnergyForce InMotion smart app via OCPP.



SUITABLE FOR
PUBLIC SPACES



FLEET



COMMERCIAL



PARKING



EnergyForce PowerStack

TECHNICAL SPECIFICATION

Specifications are subject to change without notice.

Model/PN	PowerStack 360KW
System capacity	360KW
Maximum outlets	12
Output capacity of each route	30~180kW
Input voltage	400VAC±20%
Input voltage range	260V~530V (260V~304VAC, output power derating 50%)
Current share precision	< 3%
Power factor	> 0.99
Working frequency	50/60HZ
Output voltage	50VDC-1000VDC
Current regulation accuracy	< 1%
Voltage regulation accuracy	< 0.5%
Current share precision	< 3%
Overall efficiency	95%
RFID system	ISO/IEC14443A, Mifare;
Network connection	4G GSM or CDMA [LAN]WI-FI
Communication Protocols	OCPP1.6J (OCPP 2.0 upgradable)
Operating temperature	-35°C-60°C(-20°C~ -35°C heating required)
Storage Temperature	-40°C~+70°C
Operating humidity	≤ 95% non-condensing
Altitude	Up to 1000meters
Protection	IP54 IK10
Acoustic noise	< 55dB
Compliance and safety	CE, IEC EN61851, EN62196, DIN70121, ISO15118
Dimension (W*D*H) DC PowerStack	800*650*2250
Charge post	320*320*2300

