

# EV4400 SERIES

## 180kW

Level 3 EV DC fast charging station, 2 ports, 300A input and charging output at 180kW.



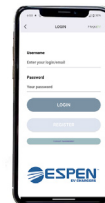
### SPECIFICATIONS

<b>Maximum Output Power</b>	DC 180kW
<b>Max. Input Current</b>	3Φ274Vac
<b>Voltage Rating</b>	3Φ480Vac(+10%,-15%)
<b>DC Charging Connector</b>	Dual 300A CCS1 15ft or 23 ft cable options
<b>Voltage Accuracy</b>	±2%
<b>Current Accuracy</b>	±2%
<b>Standby Power</b>	< 100W
<b>Electrical Isolation</b>	Between Input and Output
<b>Load Management</b>	Via OCCP 1.6 JSON
<b>Backend Support</b>	OCPP 1.6 JSON
<b>Safety</b>	UL2202,UL2231
<b>FCC Compliant</b>	Yes
<b>Ingression Protection</b>	IP55, NEMA 3R
<b>Anti-Vandalism</b>	IK10, not including LCD & RFID
<b>Dimensions (WxDxH inch)</b>	31.50 x 25.60 x 74.80 inch
<b>Weight</b>	1102 Lbs
<b>Power Factor</b>	> 0.99
<b>Efficiency</b>	> 94%, at optimize V/I point
<b>Output Voltage Range</b>	150Vdc ~ 950Vdc
<b>Maximum Output Current</b>	200A@600Vdc / 120A @ 500Vdc
<b>Simultaneously Output Mode</b>	0% , 50% , 100%
<b>Input Protection</b>	OVP, OCP, OPP, UVP, RCD, SPD
<b>Output Protection</b>	OCP, OVP, LVP, OTP, IMD
<b>Internal Protection</b>	OTP, AC/DC contactor detection, Fuse detection
<b>Display</b>	7-inch LCD
<b>User Authentication</b>	RFID, QR Code, Mobile APP
<b>Operation Temperature</b>	-22°F to 122°F
<b>Storage Temperature</b>	-40°F to 158°F
<b>Relative Humidity</b>	5%~95% RH, non-condensing
<b>Cooling</b>	Fan Cooling



Made in America option coming soon. Contact factory for details.

### ESPEN ENERGY CHARGING CONTROL & MANAGEMENT SOLUTIONS



- Turn-key EVSE back-office management
- Seamless Integration with your existing business software
- Cost effective deployment and managed EVSE networks
- Easy to use and secure online access
- Designed and developed in America

### ORDERING INFORMATION

MODELS	
<b>GW-EV4400-180</b>	EV charger, Level 3, DC, 2 port, 300A/180kW, WiFi, freestanding w/ 15 ft charging cable
<b>GW-EV4400-180-23</b>	Level 3, DC, 2 port, 300A/180kW, WiFi, freestanding w/ 23 ft charging cable
ADDITIONAL OPTIONS (add suffix to base part #)	
<b>-RF</b>	White label RFID card
<b>-ESP</b>	ESPEN Energy control & management software (Refer to Express and Prime network plan options)
ACCESSORIES (ordered separately)	
<b>GW-EV-CM15-DC2</b>	Cable management system for 120 & 180kW Level 3 EVC w/15 ft charging cable
<b>GW-EV-CM23-DC2</b>	Cable management system for 120 & 180kW Level 3 EVC w/23 ft charging cable