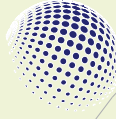




**MEMO**  
POWER SOLUTIONS



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INDUSTRIES



**Eco  
Charge360**

LEVEL III ELECTRIC VEHICLE CHARGER  
EC-DC-B2X180DHD



Model Name		EcoCharge11 (EC-DC-B2X180DHD)
Power Specification		
AC Input	Voltage Rating	3Φ480Vac (+10%, -15%)
	Max. Input Current	216A
	Electrical Distribution	3P+ N+ PE (Wye configuration)
	Power Grid System	TN/TT and IT
	Frequency	50/60Hz
	Max. Input Power	194 kVA
	Power Factor	> 0.99
	Efficiency	> 94%, at optimize V/I point
AC OUTPUT	Output Voltage Range	CCS1: 200Vdc ~ 1000Vdc
	Max. Output Current	200A
	Max. Output Power	DC 180kW
	Simultaneously output mode	0%, 50%, 100% *Each connector will get 50% output power when plug in simultaneously; And one connector will get 100% when another connector finishes the charging session or only this connector is plugged in.
	Voltage Accuracy	±1%
	Current Accuracy	±1%
Communication	External	Ethernet, Wi-Fi and 3G or 4G
	Internal	CAN Bus / RS485
Load Management	Via OCPP 1.6 J2980	
Input Protection	OVP, OCP, OPP, UVP, SPD, RCD	
Output Protection	OCP, OVP, LVP	
Internal Protection	OTP, DC Contactor Detection, Fuse Detection	
Electrical Isolation	Isolation between Input and Output	
Standby Power	< 100W	

Model Name		EcoCharge11 (EC-DC-B2X180DHD)
User Interface & Control	Display	7-inch touchscreen LCD (1024 x 600)
	Button	Emergency shut off
	User Authentication	App, WebApp, ISO 15118, Credit Card (Optional), RFID (Optional)
	Backend Support	OCPP 1.6 J2980 (Upgradeable to 2.1)
Advertisement	Display	55-inch LCD Screen
	Resolution	TFT—LCD Panel (1920 x 1080 pixels)
	Electrical Distribution	3P + N + PE (Wye Configuration)
Environmental Conditions	Operation Temperature	-22°F to 131°F (-30°C to 55°C)
	Storage Temperature	-22°F to 158°F (-30°C to 70°C)
	Relative Humidity	5% ~ 95% RH, non-condensing
	Altitude	≤ 6560 ft (2000 m)
Regulations	Safety	UL2594, UL2231
	EMI/EMC	UL2231
	Charging Interface	CCS DIN 70121 (CCS1)
	Certification	ETL, Energy Star
Mechanical Specifications	Dimensions (WxDxH)	45.2 x 36.6 x 92.1 inches (1148 x 930 x 2340 mm)
	Weight (typ.)	< 1763.7 lbs. (800kg), includes two charging connectors
	DC Charging Connector	15ft CCS1 Dual Charging Cable
	Cooling	Fan Cooling
	Ingress Protection	IP54 NEMA 3R
	Anti-Vandalism	IK10, Excludes LCD & RFID

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