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POWER SOLUTIONS



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INDUSTRIES



EcoCharge22

LEVEL II ELECTRIC VEHICLE CHARGER
EC-AC-B2X11DHD



EcoCharge11

LEVEL II ELECTRIC VEHICLE CHARGER
EC-AC-B11



Model Name		EcoCharge 22 (EC-AC-B2X11DHD)		
Product Specifications				
AC Input	Voltage Rating	Single Phase 200 – 240Vac		
	Max. Input Current	2 x 48A	2 x 40A	2 x 32A
	Frequency	50Hz/60Hz		
	Power Factor	>0.99		
AC OUTPUT	Output Voltage Range	200 – 240 Vac		
	Max. Output Current	2 x 48A	2 x 40A	2 x 32A
	Max. Output Power	2 x 11.5kW	2 x 9.6kW	2 x 7.6kW
	Simultaneous output mode	100% *Each connector will get 100% output power when plugged in simultaneously.		
Communication	External	Ethernet, Wi-Fi and 3G or 4G		
	Internal	RS485		
Input Protection		OVP, OCP, OPP, UVP, SPD, RCD		
Output Protection		OCP, OVP, LVP		
Internal Protection		AC Contactor Detection		
User Interface & Control	Display	2 x 4.3-inch touchscreen LCD		
	Button	Emergency shut off		
	User Authentication	App, WebApp, ISO 15118, RFID (Optional), Credit Card Terminal (Optional)		
	Backend Support	OCPP 1.6 JSON (Upgradeable to 2.1)		
Advertisement	Display	21.5-inch LED Screen		
	Resolution	TFT – LCD Panel (1920 x RGB x 1080 pixels)		
	Backend	EVBOLT Cloud		
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 (2000m)		
Regulations	Safety	UL2594, UL2231		
	EMI/EMC	UL2231		
	Charging Interface	SAE J1772 (Type 1)		
	Certification	ETL, Energy Star		
Mechanical Specifications	Dimensions (W x D x H)	29.5 x 11.8 x 71.3 inches (750 x 300 x 1810 mm)		
	Weight (typ.)	< 224.8 lbs. (102 kg), includes two charging cables		
	AC Charging Connector	16.4ft Dual charging cable		
	Cooling	Fan cooling		
	Ingress Protection	IP54 NEMA 3R		
	Anti-vandalism	IK10, excluding LCD & RFID cover		

Model Name		EcoCharge11 (EC-AC-B11)		
Product Specifications				
AC Input	Voltage Rating	Single Phase 200 – 240 Vac		
	Max. Input Current	48A	40A	32A
	Frequency	50Hz/60Hz		
	Power Factor	> 0.99		
AC OUTPUT	Output Voltage Range	200 – 240 Vac		
	Max. Output Current	48A	40A	32A
	Max. Output Power	11.5kW	9.6kW	7.6kW
Communication	External	Ethernet, Wi-Fi and 3G or 4G		
	Internal	RS485		
Input Protection		OVP, UVP, Surge Protection, Ground Fault		
Output Protection		OCP, Control Pilot Fault, Residual Current Protection		
Internal Protection		AC Contactor Detection		
User Interface & Control	Display	4.3-inch Touchscreen LCD		
	Button	Emergency shut off		
	User Authentication	App, WebApp, ISO 15118, RFID (Optional), Credit Card Terminal (Optional)		
	Backend Support	OCPP 1.6 JSON (Upgradeable to 2.1)		
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 (2000m)		
Regulations	Safety	UL2594, UL2231		
	EMI/EMC	UL2231		
	Charging Interface	SAE J1772 (Type 1)		
Mechanical Specifications	Dimensions (W x D x H)	9.84 x 5.67 x 14.96 inches (250 x 144 x 380 mm)		
	Weight	< 19.36lbs (8.78kgs) with cable		
	AC Charging Connector	16.4ft charging cable		
	Ingress Protection	IP65 NEMA 4		
	Anti-vandalism	IK10, excludes LCD & RFID cover		
Certification		ETL, Energy Star		

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