

EcoFlow OCEAN EV Charger (11.5kW)

Charge your EV using solar energy with the EcoFlow OCEAN EV Charger (11.5kW). It optimally uses stored solar and grid energy, helping you charge more efficiently and often at lower cost — without the guesswork. With EcoFlow's integrated solar battery, you can pay less while you sleep and wake up to a fully charged EV—ready for your morning commute. Smart, seamless, and cost-effective charging every day.

Input & Output	Charge Power (configurable)	11.5 kW
	Rated Voltage	208 /240 VAC; L1, L2 (180° or 120°)
	Rated Current (configurable)	48 A
	Rated Frequency	60Hz
	Residual Current Circuit Breaker (RCCB)	External overcurrent protection device required
	Input Cable Type	Pre-wired with: (L1, L2, Gnd)
	Input Cable Length	3.3 ft (1 m)
	Output Cable/Cable Length	Pre-wired with SAE J1772/7.5m

Communication	Communication	Wi-Fi (2.4G) , Bluetooth, RS485, CAN
	Authentication	EcoFlow App, Bluetooth
	Control & Monitoring	EcoFlow App, LCD Display
	Working Mode	Fast Charge, Scheduled Charge, Customized Charge, Smart Charge
	Protocol	OCPP1.6-J

Environment Requirement	Usage Environment	Indoor and outdoor
	Enclosure Rating	NEMA Type 4
	IK Protection Rating	IK 10
	Ambient Temperature for Storage	-40°F to 158°F (-40°C to 70°C)
	Ambient Temperature for Operation	-22°F to 122°F (-30°C to 50°C)
	Relative Humidity	5% to 95%
	Altitude	≤6561 ft (2000 m)

Basic Information	Net Weight	Approximately 14.3 lbs (6.5 kg)
	Dimensions	13.8 x 8.89 x 5.55 inches (335 x 226 x 141 mm)
	Installation	Wall mounted
	Protection	AC overvoltage protection, AC undervoltage protection, output overcurrent protection, AC overfrequency protection, AC underfrequency protection, short circuit protection, overtemperature protection, leakage protection, surge protection, relay contact adhesion protection, grounding protection
	Compliance Standard	UL2594, UL2251, UL2231-1, UL2231-2, UL1998, UL991, ENERGY STAR