DATASHEET

EcoFlow PowerPulse 2X

Intelligent Charging. More Than a Drive.

22 kW | EV Charger



EcoFlow APP for End-Users

EcoFlow APP for Installers

Follow Us

DATASHEET

EcoFlow PowerPulse 2X

Technical Specifications		EcoFlow PowerPulse 2X Three-Phase	Units
Performance	Dimension (W x H x D)	Approx. 333 x 226 x 145	mm
	Weight	Approx. 3.5	kg
	Operating Temperature[1]	-30 ~ 50	℃
	Storage Temperature	-40 ~ 70	℃
	Relative Humidity Range	5 ~ 95	%
	Max. Operating Altitude	≤ 2000	m
	Cooling Method	Natural Convection	/
	Ingress Protection Rating	IP55 (cable plugged in) / IP54 (without cable plugged in)	/
	Installation Method	Wall-mounted	/
	Application Scenarios	Indoor / Outdoor	/
	Warranty	3	Year
	System Type	TT, TN	/
	Cable Entries	Bottom	/
Electrical Parameters	Max. Output Power[1]	22	kW
	Nominal Output Power	22	kW
	Norminal Output Current	32	A
	Nominal AC Frequency	50 / 60	Hz
	System Wiring	Three-phase 5-wire: L1, L2, L3, N, PE	/
	Vehicle Connection	Type 2 Socket with Electronic Lock	/
	Enclosure Tamper Protection	Supported	/
	PEN Protection[2]	/	/
User Interface & Communications	Protocol[3]	OCPP1.6-J, Modbus-RTU	/
	Communications Method[3]	Ethernet, WiFi(2.4G), Bluetooth, 2*RS485, 1*CAN	/
	Authentication[4]	RFID-card / EcoFlow App / Auto Start	/
	MID Metering[5]	Supported	/
	Dynamic Tariff	Supported	/
	Display	Supported	/
Compliance		EN IEC 61851-1, EN IEC 62052-11, EN 50470-3, IEC 62955, IEC 61008-1, ROHS，MID 2014/32/EU	/

1. The 22 kW unit can be configured to operate at 11 kW (16 A) via the EcoFlow Pro app. The device runs at derated power when the operating temperature exceeds 50°C.
2. The PEN protection is only required by UK market.
3. The RS485 and CAN communication interfaces support interconnection only within the EcoFlow product ecosystem.
   Modbus-RTU is for EcoFlow product communication only and is not open to third-party platforms.
4. For the function of Auto Start, any vehicle can start charging directly and draw power without RFID authentication or
   App operation when it is enabled. Ensure your charger is installed in a private and secure location.
5. MID metering only support for 22kW unit.