



BABA product option available

Energy Storage and Charging Integrated Charger

300 kW | TP-EVPD-300KW-UL-189KWH

Floor mounted

Specifications

300 kW

AC input

Input voltage	160 V - 480 V AC 50/60 Hz
Max input current	116 A
Power factor	≥0.98 @50% ~ 100% output power
Efficiency	≥96% at nominal output power
THD	<5% @50% ~ 100% full load output power

Energy storage

Energy chemistry	Lithium-ion
Energy storage capacity	189 kWh

DC output

Max output voltage	150 ~ 1000 V DC
Max output current	CCS1 : 350 A NACS : 350 A CHAdeMO : 200 A
Connectors quantity	2
Output power (AC+ battery)	300 kW (60 kW +240 kW)
Output power (DC off-grid mode only)	240 kW
Output power (Battery loss)	60 kW >28kW@Input ≥160Vac >37.6kW@Input ≥208Vac 60kW@Input 320~480Vac
Maximum charging power	60 kW+240kW (double connectors)300 kW

Environment

Operating temperature	-4°F to 122°F (-20°C ~ 50°C)
Altitude	≤6561ft (2000m)
Humidity	5% to 95% no condensation
Storage temperature	-30°C ~ 70°C
Protective class	Type 3R , IK 10 (not including screen)

Communication

Communication	Ethernet, Wi-Fi, 4G
Interface protocol	OCPP 1.6J & OCPP2.0.1

User interface

Display	32" LCD touch screen and 10" LCD touch screen
User authentication and payment	RFID, PIN code, QR code + smartphone, credit card (optional)

Mechanical

Dimension (W X D X H)	70.87"×53.15"×91.63" (1800 mm×1350 mm×2327 mm)
Weight	5291.1 lbs. (2400 kg)
Connector cable length	CCS1 - 16 ft (5 m) NACS - 16 ft (5 m) CHAdeMO - 16 ft (5 m)

Specifications

300 kW

Protection

Safety & Compliance

US.: UL2202, UL2231-1,UL2231-2, UL991, UL1973 (battery), FCC Part 15 Class A
Canada: CSA No 107.2,CAN/UL1973,ICES-001 Class A UK/EU:61851-1.61851-23.61851-21-2

Regulation

Charging protocol

ISO-15118 , CHAdeMO 0.9, 1.0

Regulatory compliance

IEC 61851-1
IEC 61851-23
IEC 61851-21-2
IEC 62619
IEC 62477
IEC 60730
IEC 61000
UN38.3

Certificate

UL