



BABA Product Option Available

Distributed Charger System

600 kW Main power cabinet		TP-EVPD-600KW-UL-H
720 kW Main power cabinet		TP-EVPD-720KW-UL-H
800 kW Main power cabinet		TP-EVPD-800KW-UL-H
960 kW Main power cabinet		TP-EVPD-960KW-UL-H
1200 kW Main power cabinet		TP-EVPD-1200KW-UL-H
CCS1 Dispenser		TP-EVPD-UL-S
CCS1 Dispenser Liquid cooling		TP-EVPD-UL-S-L

Floor mounted

Specifications

600 kW

720 kW

800 kW

960 kW

1200 kW

Main power cabinet

AC input

Input voltage	480 V AC±10% 60 Hz				
Power supply system	L1+L2+L3+N+PE, TN/TT				
Input current	2x388 A	2x465 A	2x345 A	3x413 A	4x388 A
Power factor	> 0.98 @ full load				
THD	< 5%				

DC output

Output voltage	150 ~ 1000 V DC				
Output current	2000 A	2400 A	2660 A	3200 A	3990 A
Efficiency	≥94% at nominal output power				
Maximum charging terminals support	12 connectors				

Communication

Network connectivity	Ethernet, Wi-Fi, 4G
Communication to the backend	OCPP 1.6J & OCPP2.0.1(optional)

Environment

Operating temperature	-31°F to 122°F (-35°C ~ 50°C)
Storage temperature	-30°C ~ 70°C
Altitude	≤6561ft (2000 m)
Humidity	5%~95% no condensation
Protective class	NEMA 3R
Cooling system	Forced air-cooling

Regulation

Safety and Low voltage electrical	UL 2232-1/-2, UL 2202
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Other

User interface	Emergency stop button				
Dimension (W X D X H)	82.68" × 51.75" × 89.38" (2100 mm×1314 mm×2270 mm)				
Weight	2672 lbs. (1212 kg)	2848 lbs. (1292 kg)	2672 lbs. (1212 kg)	2848 lbs. (1292 kg)	3113 lbs. (1412 kg)

Specifications

Single connector Dispenser

AC input

Input voltage 85~305 V AC ,50/60 Hz, Single phase (L+N+PE)

DC output

Output voltage range 150 ~ 1000 V DC

Max output current CCS1 :350 A, NACS : 350 A

User interface

Display 5" LCD touch screen and LED indicator

User authentication and payment RFID, PIN code, QR code + smartphone, credit card (optional)

Communication

Communication to the EV ISO 15118, DIN 70121

Communication to the backend Tellus Power protocol (default)

Protection

Output protection Short circuit protection | Insulation protection | Over temperature protection

Environment

Operating temperature -31°F to 122°F (-35°C ~ 50°C)

Storage temperature -30°C ~ 70°C

Altitude ≤6561ft (2000 m)

Humidity 5% ~ 95% no condensation

Protective class NEMA 3R

Cooling system Forced air-cooling

Regulation

Regulatory compliance UL 2232-1/-2, UL 2202

Other

Metering 1% accuracy

Dimension (W X D X H) Natural cooling : 11.91" × 19.69" × 66.4" (302.6 mm×500 mm×1686.5 mm)

Liquid cooling : 19.47" × 32.28" × 74.25" (495 mm×820 mm×1886 mm)

Weight Natural cooling: 225 lbs. (102 kg) || Liquid cooling: 331 lbs. (150 kg)

Connector cable length 5 m

Specifications

Single connector Dispenser

AC input

Input voltage 85~305 V AC ,50/60 Hz, Single phase (L+N+PE)

DC output

Output voltage range 150 ~ 1000 V DC

Max output current MCS :1500A Liquid-Cooled

User interface

Display 7" LCD touch screen and LED indicator

User authentication and payment RFID, PIN code, QR code + smartphone, credit card (optional)

Communication

Communication to the EV ISO 15118, DIN 70121

Communication to the backend Tellus Power protocol (default)

Protection

Output protection Short circuit protection | Insulation protection | Over temperature protection

Environment

Operating temperature -31°F to 122°F (-35°C ~ 50°C)

Storage temperature -30°C ~ 70°C

Altitude ≤6561ft (2000 m)

Humidity 5% ~ 95% no condensation

Protective class NEMA 3R

Cooling system Liquid cooling

Regulation

Regulatory compliance UL 2232-1/-2, UL 2202

Other

Metering 1% accuracy

Dimension (W X D X H) 18.89" × 14.90" × 75.59" (480 mm×378.5 mm×1920 mm)

Weight 401 lbs. (182 kg)

Connector cable length 5 m

Specifications

Dual connector Dispenser

AC input

Input voltage 85~305 V AC ,50/60 Hz, Single phase (L+N+PE)

DC output

Output voltage range 150 ~ 1000 V DC

Max output current CCS1 : 350A || NACS : 350A || CCS1 : 500A Liquid-Cooled

EV connector(PCS) 2

User interface

Display 7" LCD touch screen and LED indicator

User authentication and payment RFID, PIN code, QR code + smartphone, credit card (optional)

Communication

Network Connectivity Ethernet, Wi-Fi, 4G

Communication to the EV ISO 15118, DIN 70121

Communication to the backend Tellus Power protocol (default)

Protection

Output protection Short circuit protection | Insulation protection | Over temperature protection

Environment

Operating temperature -31°F to 122°F (-35°C ~ 50°C)

Storage temperature -30°C ~ 70°C

Altitude ≤6561ft (2000 m)

Humidity 5% ~ 95% no condensation

Protective class NEMA 3R

Cooling system Natural cooling or Liquid cooling (optional)

Regulation

Regulatory compliance UL 2232-1/-2, UL 2202

Other

Metering 1% accuracy

Dimension (W X D X H) Natural cooling : 19.47" × 32.28" × 74.25" (495 mm×820 mm×1886 mm)

Liquid cooling : 19.47" × 32.28" × 74.25" (495 mm×820 mm×1886 mm)

Weight Natural cooling: 408 lbs. (185 kg) || Liquid cooling: 414 lbs. (188 kg)

Connector cable length 5 m