



Split Type Charging Pile

480kW Main power cabinet		TP-EVPD-480KW-H-UL
600kW Main power cabinet		TP-EVPD-600KW-H-UL
720kW Main power cabinet		TP-EVPD-720KW-H-UL
CCS1 Dispenser		TP-EVPD-1-S-UL
NACS Dispenser		TP-EVPD-3-S-UL
CCS1 Dispenser Liquid cooling		TP-EVPD-1-S-UL-L
NACS Dispenser Liquid cooling		TP-EVPD-3-S-UL-L

Floor Mounted

Specifications

480kW

600kW

720kW

Main power cabinet

Input

AC Input Voltage	480Vac±10% 50/60Hz		
Power Supply System	2 × (L1+L2+L3+N+PE), TN/TT		
FLA Breaker Rating	2×320A 2×400A	2×400A 2×500A	2×480A 2×630A
Power Factor	> 0.99 @ full load		

Output

Output Voltage	150~1000Vdc		
Output Current	1600A	2000A	2400A
Peak Efficiency	97%		
Maximum Charging terminals support	6 connectors	6 connectors	12 connectors

Communication

Network Connectivity	Ethernet, Wi-Fi, 4G
Communication to the Backend	OCPP 1.6J (OCPP 2.1 Ready)

Environment

Operating Temperature	-4°F to 131°F (-20°C ~ 55°C)
Altitude	≤6561ft (2000m)
Humidity	5%~95% no condensation
Protective Class	TYPE 3R
Cooling System	Forced air-cooling

Regulation

Regulatory Compliance	UL2202, UL2231-1/-2
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Other

User Interface	Emergency stop button		
Dimension (W X D X H)	98.42" × 59.05" × 86.61" (2500mm×1500mm×2200mm)		
Weight	1080kg	1180kg	1300kg

Specifications

Dispenser

AC Input

AC Input Voltage 277VAC +10%, 50/60Hz, Single-phase (L+N+PE)

Output

Output Voltage 150~1000VDC
Max Output current CCS1 : 350A || CCS1 : 500A Liquid-Cooled
NACS : 350A || NACS : 500A Liquid-Cooled

User Interface

Display 5" LCD Touch Screen and LED indicator
User Authentication RFID card , MAC authentication, APP (optional), Credit Card Reader (optional)

Communication

Network Connectivity Ethernet, Wi-Fi, 4G
Communication to the EV ISO 15118, DIN 70121
Communication – Power Convertors Tellus Power Protocol (default)

Protection

Input Protection Over Voltage, Under Voltage,(Optional), Over Current, Missing Ground ,(Optional)
Reverse polarity protection
Output Protection Short ircuit protection | Insulation protection | Over temperature protection

Environment

Operating Temperature -4°F to 131°F (-20°C ~ 55°C)
Altitude ≤6561ft (2000m)
Humidity 5% ~95% no condensation
Protective Class TYPE 3R
Cooling System Natural cooling or Liquid cooling

Regulation

Regulatory Compliance UL2202, UL2231-1/-2

Other

Metering 1% accuracy
Dimension (W X D X H) Natural : 8.66" × 12.99" × 66.41" (220mm X 330mm X 1687mm)
Liquid cooling : 18.89" × 14.90" × 75.59" (480mm×378.5mm×1920mm)
Weight Natural:102kg || Liquid cooling : 182kg
Connector Cable Length 5m