

SPLIT TYPE CHARGING PILE

480KW — 1.2MW

LIQUID-COOLED, FLOOR MOUNTED

PRODUCT DATASHEET / MAY 2026



 Reliable

Product Reliability

99%

 Cloud Enabled

Monitoring & Assistance

24/7

 Built To Last

Service Life

10Yr

KEY FEATURES

- ↳ Single outlet on the dispenser
- ↳ Remote software updates and diagnostics
- ↳ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ↳ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ↳ Three-phase connection
- ↳ Supports up to 8 Liquid Cooled charging terminals
- ↳ Supports multiple output options: CCS2 and CHAdeMO
- ↳ 3-year warranty with an optional 2-year extension
- ↳ Approved for OZEV grant eligibility



SPLIT TYPE CHARGING PILE, LIQUID-COOLED

480kW

600kW

800kW

1200kW

PRODUCT CODE

TP-EVPD480KW-CE-H

TP-EVPD600KW-CE-H

TP-EVPD800KW-CE-H

TP-EVPD1200KW-CE-H

ELECTRICAL INPUT

Supply System	3P+N+PE, TN/TT			
Supply Voltage	400 V AC (±15%)			
Supply Frequency	50/60 ±1 Hz			
Rated Input Current	2 x 380 A	2 x 470 A	3 x 420 A	4 x 520 A
Power Factor	≥0.98 at 50 – 100% output power			
THD	<5% at 50 – 100% full load			
Charging Efficiency	≥96% at nominal output power			

ELECTRICAL OUTPUT

Output Voltage Range	150–1000 V DC	200 – 1000 V DC	200 – 1000 V DC	200 – 1000 V DC
Maximum Current	1400 A	2000 A	2600 A	2800 A
Maximum Power	480kW	600 kW	800 kW	1200 kW
Maximum Terminals Supported	Up to 4	Up to 4	Up to 8	Up to 8 (Connectors)

CONNECTIVITY AND COMMUNICATION

Network Connectivity	Ethernet (RJ45) / Wi-Fi / 4G			
Backend Protocol	OCPP 1.6J / 2.0 / 2.0.1			

ENVIRONMENTAL CONDITIONS

Operating Temperature	-25°C to 50°C			
Storage Temperature	-30°C to 70°C			
Altitude	≤2000 m			
Humidity	5% to 95% non-condensing			
Ingress And Impact Protection	IP54, IK10			
Noise	<70 dB			

SAFETY AND PROTECTION

Integrated Protections	MCCB 3P, 2 x 500 A	MCCB 3P, 2 x 800 A	MCCB 3P, 3 x 630 A	MCCB 3P, 4x 700 A
Physical Security And Access	Key-lock access door			
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant			

Emergency stop button / Integrated residual current protection / RDC-DD, 6 mA DC leakage detection / Overvoltage and undervoltage protection / Overcurrent protection / Output PE continuous continuity checking / Surge protection device (SPD), Type 2, fused / Temperature monitoring

MECHANICAL DATA

Dimensions	1180 x 1100 x 2000 mm	2100 x 1314 x 2270 mm		
Weight	769.5 kg	1212 kg	1212 kg	1412 kg
Mounting	Floor mounted			
Cooling System	Forced-air cooling			

COMPLIANCE AND STANDARDS

Regulatory Compliance	IEC 61851-1; IEC 61851-23; IEC 61851-21-2			
Certification	CE Marked (LVD, EMC, RoHS)			

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DISPENSER CCS2, LIQUID-COOLED

⌘ Dispenser

PRODUCT CODE

TP-EVPD-CE-S-L (Liquid-Cooled)

⋮ ELECTRICAL INPUT	
Supply System	1P+N+PE, TN/TT
Supply Voltage	230 V AC (±15%)
Supply Frequency	50/60 ±1 Hz
⋮ ELECTRICAL OUTPUT	
Output Voltage Range	150–1000 V DC
Maximum Current	500 A
Maximum Power	500 kW
Connector Type	CCS2
Cable Length	5 m, others optional
⋮ CONNECTIVITY AND COMMUNICATION	
Platform Protocol	Tellus Power protocol (default)
⋮ USER INTERFACE AND ACCESS CONTROL	
Display / HMI	5" LCD Touch Screen
LED Status Indication	LED status indication
RFID	RFID: ISO / IEC 14443 A/B; MIFARE, 13.56 MHz
Authentication And Payment	App, QR Code, MAC Authentication (optional), Card Payment (optional)
Metering	DC energy meter, CE-marked
⋮ ENVIRONMENTAL CONDITIONS	
Operating Temperature	-25°C to 55°C
Storage Temperature	-30°C to 70°C
Altitude	≤2000 m
Humidity	5% to 95% non-condensing
Ingress And Impact Protection	IP54, IK10 (screen excluded)
Noise	<70 dB
⋮ SAFETY AND PROTECTION	
Integrated Protections	Short circuit protection / Insulation monitoring / Temperature monitoring
Physical Security And Access	Key-lock access door
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant
⋮ MECHANICAL DATA	
Dimensions	480 x 378.5 x 1920 mm
Weight	182 kg
Mounting	Floor mounted
Cable Management	Cable support
Cooling System	Liquid-Cooled
⋮ COMPLIANCE AND STANDARDS	
Charging Protocol Support	ISO 15118; DIN 70121
Regulatory Compliance	IEC 61851-1; IEC 61851-23; IEC 61851-21-2
Certification	CE Marked (LVD, EMC, RoHS)

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CCS2 DUAL DISPENSER, LIQUID-COOLED

Dispenser

PRODUCT CODE

TP-EVPD-CE-S-2-L (Liquid-Cooled)

ELECTRICAL INPUT	
Supply System	1P+N+PE, TN/TT
Supply Voltage	230 V AC (±15%)
Supply Frequency	50/60 ±1 Hz
ELECTRICAL OUTPUT	
Output Voltage Range	300–1000 V DC
Maximum Current	500 A
Maximum Power	1000 kW (2 x 500 kW simultaneous)
Maximum Power per Connector	500 kW
Connector Type	CCS2
Number of Connectors / Outputs	2
Cable Length	5 m, others optional
CONNECTIVITY AND COMMUNICATION	
Platform Protocol	Tellus Power protocol (default)
USER INTERFACE AND ACCESS CONTROL	
Display / HMI	7" LCD Touch Screen
LED Status Indication	LED status indication
RFID	RFID: ISO / IEC 14443 A/B; MIFARE, 13.56 MHz
Authentication And Payment	App, QR Code, MAC Authentication (optional), Card Payment (optional)
Metering	DC energy meter, CE-marked
ENVIRONMENTAL CONDITIONS	
Operating Temperature	-25°C to 55°C
Storage Temperature	-30°C to 70°C
Altitude	≤2000 m
Humidity	5% to 95% non-condensing
Ingress And Impact Protection	IP54, IK10 (screen excluded)
Noise	<70 dB
SAFETY AND PROTECTION	
Integrated Protections	Short circuit protection / Insulation monitoring / Temperature monitoring
Physical Security And Access	Key-lock access door
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant
MECHANICAL DATA	
Dimensions	497 x 820 x 1800 mm
Weight	152 kg
Mounting	Floor mounted
Cable Management	Cable support
Cooling System	Liquid-Cooled
COMPLIANCE AND STANDARDS	
Charging Protocol Support	ISO 15118; DIN 70121
Regulatory Compliance	IEC 61851-1; IEC 61851-23; IEC 61851-21-2
Certification	CE Marked (LVD, EMC, RoHS)

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