

DC MOBILE CHARGER, DUAL

80KW

MOBILE

PRODUCT DATASHEET / MAY 2026



Reliable

 Product
Reliability

99%

Cloud Enabled

 Monitoring
& Assistance

24/7

Built To Last

 Service
Life

10Yr

KEY FEATURES

- ↳ Dual connectors allow for simultaneous charging of two vehicles
- ↳ Standard Protocol ISO-15118
- ↳ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ↳ Three-phase connection
- ↳ Integrated PME fault detection
- ↳ Cable Management included
- ↳ 7" LCD Touch Screen display
- ↳ Air Cooled Fans
- ↳ 3-year warranty with an optional 2-year extension
- ↳ Fully compliant with Smart Charge Points regulations for electric vehicles



DC MOBILE CHARGER, 80KW, DUAL

⌂ 80kW

PRODUCT CODE

TP-EVPD080KW

⌄ ELECTRICAL INPUT

Supply System	3P+N+PE, TN/TT
Supply Voltage	400 V AC (±15%)
Supply Frequency	50/60 ±1 Hz
Rated Input Current	135 A
Power Factor	≥0.98 at 50 – 100% output power
THD	<5% at 50 – 100% full load
Charging Efficiency	≥94% at nominal output power

⌄ ELECTRICAL OUTPUT

Output Voltage Range	150–1000 V DC
Maximum Current	CCS2: 150 A, GBT: 150 A, CHAdeMO: 150 A
Maximum Power	80 kW (2 x 40 kW simultaneous)
Maximum Power per Connector	80 kW
Connector Type	CCS2, GBT, CHAdeMO
Number of Connectors / Outputs	2
Cable Length	5 m, others optional

⌄ CONNECTIVITY AND COMMUNICATION

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

⌄ USER INTERFACE AND ACCESS CONTROL

Display / HMI	7” LCD Touch Screen
RFID	RFID: ISO / IEC 14443 A/B; MIFARE, 13.56 MHz
Authentication And Payment	App, QR Code, MAC Authentication (optional), Card Payment (optional)
Metering	2 x 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	Emergency stop button / 2 x RCBO, 3P+N, curve C, 63 A, 300 mA, type A / 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 / 2 x Insulation monitoring / Temperature monitoring 2 pcs (Optional)
Physical Security And Access	Key-lock access door
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant

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MECHANICAL DATA

Dimensions	670 x 965 x 1210 mm
Weight	180 kg
Mounting	Mobile
Cable Management	Cable support
Cooling System	Forced-air cooling

COMPLIANCE AND STANDARDS

Charging Protocol Support	ISO 15118; DIN 70121; GB/T 27930; CHAdeMO 0.9 / 1.0
Regulatory Compliance	IEC 61851-1; IEC 61851-23; IEC 61851-21-2
Certification	CE Marked (LVD, EMC, RoHS)

End of Table