TellusPower

DC Rapid Charger
Dual 40kW, Wall-Mounted

Datasheet

2025

ETL Intertek

Reliable

Product Reliability **99%**

Cloud Enabled

Monitoring & Assistance **24/7**

Built To Last

Service Life **10Y**

Key Features

- ✓ Dual tethered connector, available as wall-mounted or stand-mounted
- ✓ Supports dynamic load balancing and static load management
- ✓ Seamless integration with OCPP 1.6j protocol
- ✓ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ✓ Integrated PME fault detection
- ✓ 3-year warranty with an optional 2-year extension
- ✓ Fully compliant with Smart Charge Points regulations for electric vehicles
- ✓ Approved for OZEV grant eligibility

AC INPUT

AC Input	380/400VAC（±15%）Ⅱ 50/60Hz
Power Supply System	3P + N + PE (Wye configuration), TN/TT
FLA Ⅱ Breaker Rating	65A / 80A
Power Factor	> 0.98 @ full load
Efficiency	≥ 94% at nominal output power

DC OUTPUT

Max Output Voltage	150-750VDC
Max Output Current	Single Post : 100A Dual Post : 50A
Connectors	CCS2 and CCS2 CCS2 and GBT GBT and GBT

ENVIRONMENT

Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Altitude	≤ 6561ft (2000m)
Working Ⅱ Storage Humidity	≤ 95% RH Ⅱ ≤ 99% RH (Non-condensing)
Protective Class	IP54, IK 10 (not including screen)
Cooling System	Air cooling fans

COMMUNICATION

Communication	Ethernet, Wi-Fi, 4G
Interface Protocol	OCPP 1.6J

USER INTERFACE

Display	7" LCD Touch Screen
Access Control	RFID ： ISO/IEC 14443A/B Credit Card Reader - Optional
Emergency Stop	Operation buttons / Disables Output Power

MECHANICAL

Dimension Wall Mount (W X D X H) / Weight	750mm x 570mm x 332mm / 100.5kg
Connector Cable Length	CCS2 - 16 ft (5 m) GBT - 16 ft (5 m)
Cable Management	Included

MECHANICAL

Input Protection	Surge Protection Over Voltage, Under Voltage (Optional) Over Current, Missing Ground (Optional)
Output Protection	Short circuit protection Insulation protection Over temperature protection

REGULATION

Charging Protocol	ISO-15118 , GB/T 27930
Regulatory Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
Certificate	CE