TellusPower

Advanced. Reliable.
Ready For The Future.

Product Datasheet

⚡ Smart AC Charger · Wall-Mounted or Stand Pedestal   7kW

ETL Intertek

✓ **Reliable**

Product Reliability   **99%**

✓ **Cloud Enabled**

Monitoring & Assistance   **24/7**

✓ **Built To Last**

Service Life   **10Y**

Key Features

- ✓ Single tethered connector charging 22kw
- ✓ Supports dynamic load balancing and static load management
- ✓ Seamless integration with OCPP 1.6j protocol
- ✓ Integrated PME fault detection
- ✓ App and RFID operated charging
- ✓ 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

Power	LN+PE Single-Phase
Input/Output AC Voltage	176-264V AC
Rated Current	32A AC*1
Rated AC Frequency	50/60± 1Hz
Rated Output Power	7kW Single-Phase
EV Gun Type	Type 2
EV Gun (PCS)	1
EV Charger Cable	5m Others (optional)

ENVIRONMENT

Operating Temperature	-30°C to 50°C
Degree of Protection (IP Class)	IP55

COMMUNICATION

Network Connectivity	LAN (optional)
	Wi-Fi (optional)
	4G (optional)
	BLE V5.0 (optional)
	OCPP V1.6/WSS (Yes if has Network connectivity)
	Local Load Balance (optional)

USER INTERFACE

RFID Reader	Active Multi-Standard
HMI	/
Power Meter	MID, CE, Accuracy Class: ±1.0 (optional)

SAFETY

Protection	RCD Type B (with external RCBO Type A)
	Overvoltage and undervoltage protection
	Overcurrent protection
	Upstream protective conductor monitoring (optional)
	Output PE continuous continuity checking
	Surge protection: 4kV
	Output short circuit protection (External RCBO)
	Contactor welding monitoring
	Temperature monitoring 2pcs (optional)

MECHANICAL

Dimension Wall Mount (W X D X H)	16.57" x 11.14" x 7.01" (421mm x 283mm x 178mm)
Weight	12.12lbs. (5.5kg)
Mounting	Stand Pedestal (optional) / Wall Mounting

REGULATION

Standard	IEC/EN 61851-1:2017; IEC 61851-21-2:201 8
	IEC 62196-1:2014; IEC 62196-2:2016
	IEC 62955-2018; IEC 61439-7-201 8
Certificate	CE