

# Smart AC Charger, Ward Socket Type 7kW, Wall-Mounted or Stand Pedestal

📄 Datasheet

2026



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 / 2.0 / 2.0.1 protocol
- ✓ Integrated PME fault detection
- ✓ Single-phase connection
- ✓ 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
	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 Connector Type	Type 2 Socket
 ENVIRONMENT	EV Connector (PCS)	1
	Operating Temperature	-25°C to 50°C
	Altitude	≤ 6561 ft (2000m)
	Humidity	5% to 95% no condensation
 COMMUNICATION	Degree of Protection (IP Class)	IP55
	Network Connectivity	LAN (optional) Wi-Fi (optional) 4G (optional) BLE V5.0 OCPP V1.6/WSS (Yes if has Network connectivity) Local Load Balance (optional)
	RFID Reader	Active Multi-Standard
	HMI	LED
	Power Meter	MID / B
 SAFETY	Protection	RCD Type A + 6 (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)
	Dimension Wall Mount (W X D X H)	16.57" x 11.14" x 7.01" (421mm x 283mm x 178mm)
	Weight	12.13lbs. (5.5kg)
	Mounting	Wall Mounted / Stand Pedestal (optional)
	Standard	IEC/EN 61851-1:2017; IEC 61851-21-2:2018 IEC 62196-1:2014; IEC 62196-2:2016 IEC 62955-2018; IEC 61439-7-2018
	Certificate	CE
	REGULATION	