

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

📄 Datasheet

2025



✓ Reliable

Product  
Reliability

99%

✓ Cloud Enabled

Monitoring &  
Assistance

24/7







✓ Built To Last

Service  
Life

10Y

## Key Features

- ✓ Single tethered connector charging 7kW
- ✓ Supports dynamic load balancing and static load management
- ✓ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ✓ Single-phase connection
- ✓ App and RFID operated charging
- ✓ 3-year warranty with an optional 2-year extension

 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 Gun Type	Type 2	
	EV Gun (PCS)	1	
 ENVIRONMENT	EV Charger Cable	5m Others (optional)	
	Operating Temperature	-25°C ~ 50°C	
	Altitude	≤ 6561 ft (2000m)	
	Humidity	5% to 95% no condensation	
 COMMUNICATION	Degree of Protection (IP Class)	IP54	
	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)	
	RFID Reader	Active Multi-Standard	
	HMI	5" LCD Screen	
	Power Meter	/	
 USER INTERFACE	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)	
	Dimension Wall Mount (W X D X H)	16.93" x 11.81" x 7.56" (430mm x 300mm x 192mm)	
	Weight	21.38lbs. (9.7kg)	
	Mounting	Wall Mounted / Stand Pedestal (optional)	
	 SAFETY	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
		 MECHANICAL	REGULATION