

Smart AC Charger 22kW, 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 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
-  Three-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	L1L2L3N + PE, Three-Phase
	Input/Output AC Voltage	305-475V AC, L1L2L3N + PE, Three-Phase
	Rated Current	32AAC*3
	Rated AC Frequency	50/60± 1Hz
	Rated Output Power	22kW Three-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)
USER INTERFACE		Local Load Balance (optional)
	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
MECHANICAL		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	16.53lbs. (7.5kg)
	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 62955-201 8; IEC 61439-7-2019
	Certificate	CE