

Main Features

- Excellent industrial design brings pleasant user experience.
- Support connecting to Inverter (optional accessories) via RS485 to realize charging management in the residential energy storage system.



Specifications

General Information			
Charging Mode	Mode 3 (IEC 61851-1)		
Output Power&Current Rating	7.4kW/32A max.	11kW/16A max. (Three phases input)	22kW/32A max. (Three phases input)
Input Voltage Rating	230V AC $\pm 10\%$, 50/60Hz, Single phase (L1+N+PE)	400V AC $\pm 10\%$, 50/60Hz, Three-phase L1+L2+L3+N+PE)	
Earthing System	TN-S, TN-C-S, TT, IT		
Charging Interface	1 x Type 2 plug (Case C)		
Metering	Onboard metering chip, Accuracy: 1%		
Internal RCD	6mA DC		
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Over temperature, Grounding fault, Integrated surge protection		
User Interface			
Screen Type	No		
Status Indication	LED indicator		
Emergency Stop Button	Optional		
User Authentication	RFID card, Free charging		
RFID Reader	ISO/IEC 14443 A		
Communication			
Connectivity	RS485		
Bluetooth	No		
Communication to the Backend	No		
Communication to the EV	Control pilot		
Environmental			
Operating Temperature	-30°C ~ 50°C		
Storage Temperature	-40°C to 85°C		
Humidity	5% ~ 95% no condensation		
Altitude	$\leq 3000\text{m}$		
Mechanical			
IP Rating	IP65		
IK Rating	IK10		
Charging Cable Length	5m		
Dimensions (WxHxD)	280*280*148mm (Pole: 100*1210*50mm)		
Weight	Approx. 4.0kg (Case C, include 5m cable)		Approx. 5.0kg (Case C, include 5m cable)
Installation	Wall mounting, Pole mounting (Pole is optional)		
Certification and Standards			
Standards and Compliance	IEC 61851-1, IEC 62955, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU, RoSH 2.0, REACH		
Certification	CE-RED, CB, TR25		