

AC007/011E-01

7/11kW AC-Wallbox for electric vehicles



RELIABLE AND VERSATILE

- Compatible with Sungrow 1/3-phase Solution ¹²
- Type2 charging plug - compatible with standard electric vehicles
- Integrated 6mA DC fault detection



USER FRIENDLY

- RFID access control with 2 cards included
- Premounted 7 m Type 2 charging cable
- Space-saving dimensions for wall mounting or optional pole-mounting



SMART AND EASY MANAGEMENT

- Control and visualization via iSolarCloud
- Capable for OCPP 1.6 communication



SUSTAINABLE

- Beyond charging - for maximum usage of solar energy together with Sungrow 1/3-phase Solution ¹²
- Different charging modes to fit all needs

Type designation	AC007E-01 ¹	AC011E-01 ²
AC Input and Output		
Max. charge power	7.4 kW	11 kW
Nominal Voltage	230 V	400 V
Nominal grid frequency	50 / 60 Hz	50 / 60 Hz
Max. current	32 A single-phase	16 A three-phase
Charge connector	Plug Type 2	Plug Type 2
Cable cross-section (minimum)	3 * 6 mm ²	5 * 2.5mm ²
Cable Length	7 m	7 m
Protection Devices		
Residual current device	6 mA DC	
Over/Under voltage protection	Yes	
Over load protection	Yes	
Over temperature protection	Yes	
Surge protection	II	
Overvoltage category	III (grid) / II (car)	
General Data		
Dimensions (W*H*D)	205 * 310 * 92 mm	
Weight	4.2 kg	3.8 kg
Mounting method	Wall-Mounting / Pole-Mounting (optional)	
Degree of protection	IP 65	
Operating ambient temperature range	-30 to 50 °C	
Allowable relative humidity range (non-condensing)	5 % to 95 %	
Cooling method	Natural convection	
Max. operating altitude	2000 m	
Grid type	TN / TT	
Display	LED indicator	
Monitoring	iSolarCloud App (with Sungrow inverter)	
Communication	RS485	
Charging protocol	OCPP1.6	
Power consumption for standby	< 5 W	
Start Mode	RFID card / App	
Standard compliance	EN/IEC 61851-1; EN/IEC 61851-21-2	
Warranty	5 years (standard)	

¹ Compatibility with Sungrow SHRS inverters, expected for H2/2023.

² Compatibility with Sungrow SHRT inverters