



EV Charging Station

7kW residential charger Input voltage 230V AC, RFID Card/APP



RELIABLE AND VERSATILE

- Compatible with Sungrow Single/Three Phase Solution
- Type2 charging plug - compatible with standard electric vehicles
- Integrated 6mA DC fault detection



USER FRIENDLY

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



SMART AND EASY MANAGEMENT

- Control and visualization via iSolarCloud
- Controlled and managed via APP or external EMS
- Capable for OCPP 1.6 communication

Specifications

Type designation	AC007E-01
AC Input and Output	
Max. charge power	7.4 kW
Nominal Voltage	230 V
Nominal grid frequency	50 / 60 Hz
Max. current	32 A single-phase
Charge connector	Plug Type 2
Cable cross-section	3 * 6 mm ²
Cable Length	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
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	MONTA (Third Party App)
Communication	RS 485
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)



RELIABLE



USER FRIENDLY



SAFETY