

# AC007/011E-01 L1

AC charger for electric vehicles



## RELIABLE AND SAFE

- Integrated with 6mA DC fault current detection
- IP65 protection suitable for both indoor and outdoor usage



## SMART MANAGEMENT

- Adaptive load management to prevent overload \*
- Control and visualization available on App



## FLEXIBLE APPLICATION

- Capable of OCPP 1.6J communication
- Compatible with electric vehicles by AC type2 plug



## USER FRIENDLY

- Support various options for authentication
- Time-saving installation by wall-mounting or with stand column \*\*

Technical parameters	AC007E-01 L1	AC011E-01 L1
<b>AC Input</b>		
Nominal grid voltage	230 Vac ( ± 20 % )	400 Vac ( ± 20 % )
Nominal grid frequency	50 Hz / 60 Hz	
<b>AC Output</b>		
Max. charging power	7.4 kW	11 kW
Max. charging current	32 A per phase	16 A per phase
<b>Protection &amp; Function</b>		
Integrated DC fault current detection	Yes, 6 mA	
Overload protection	Yes	
Over-temperature protection	Yes	
Surge protection	AC Type II	
Mechanical impact protection	IK08	
Grounding system	TT, TN	
ALM ( Adaptative load management )	Yes	
Automatic phase switching	--	Yes
<b>User interface &amp; Communication</b>		
Display	LED indicator / App	
Authentication	RFID-card / iEnergyCharge App	
Communication interface	WLAN, RS485 ( to external meter )	
Communication protocol	OCPP 1.6 J	
<b>General data</b>		
Dimensions ( W * H * D )	205 mm * 310 mm * 92 mm	
Weight	4.2 kg	3.8 kg
Installation method	Wall-mounting ( default ) Stand column ( optional )	
Degree of protection	IP65	
Operating ambient temperature range	-30 °C - 50 °C	
Allowable relative humidity range	5 % - 95 % ( non-condensing )	
Cooling method	Natural convection	
Max. operating altitude	≤ 2000 m	
AC cable specification	Cross-section 6 mm <sup>2</sup> * 3	Cross-section 2.5 mm <sup>2</sup> * 5
Charging connector	AC Type 2	
Charging cable length	7 m	
Standby self-consumption	< 5 W	
Warranty	3 years ( standard )	
Compliance	EN / IEC 61851-1, EN / IEC 61851-21-2	

\* Additional smart meter is required and can be ordered separately. Please consult Sungrow for more information.

\*\* Stand column can be ordered separately. Please consult Sungrow for more information.