

AC EV CHARGER

n·gen



SOLAR ENERGY MANAGEMENT

Option to direct excess power from own production to the charging station



SMART MANAGEMENT

Wireless communication (WiFi/bluetooth), OCCP communication protocol with the server, smart charging or scheduled via app



ENERGY SAVING

Standby power consumption is less than 2 W, excellent energy efficiency



SG READY

With a seamless integration for smart grid technology, our charger ensures optimal performance while contributing to a sustainable energy ecosystem



5 YEAR WARRANTY

EP charger comes with a robust 5-year warranty, ensuring peace of mind and reliable performance

The AC EV charger represents a recent addition to Ngen's product lineup. It features a streamlined and elegant design, adding a touch of sophistication. The accompanying app provides car owners with various options such as Bluetooth smart lock, scheduled charging, and plug-and-play mode. Additionally, users can monitor charging details, configure EV charger settings, manage device bindings and authorizations, and perform remote software upgrades.

PLUG VERSION

STAR-EV7 Single Phase

STAR-EV11 Three-phase

STAR-EV22 Three-phase

- Output Current: Max.32A
- Output Voltage: 400V AC
- Type 2 cable charging connector
- Compliant with OCPP 1.6 (JSON)/2.0
- Plug&Play /RFID card / app
- Protection Grade: IP55
- -25 ~ 50°wide Operating Temperature



Type	STAR-EV7	STAR-EV11	STAR-EV22
INPUT (PV)		Charging Plug	
INPUT			
Wiring Scheme	1P+N+PE	3P+N+PE	3P+N+PE
Voltage (Vac)	230±20%	400±20%	400±20%
Maximum Current (A)	32	16	32
Frequency (Hz)	50/60Hz		
OUTPUT			
Voltage (Vac)	230±20%	400±20%	400±20%
Maximum Current (A)	32	16	32
Rated Power (kW)	7,3	11	22
USER INTERFACE & CONTROL			
Connector Type	Type 2 cable		
RFID Reader	Mifare ISO/IEC 14443 A		
Start Mode	Plug&Play/RFID card/App		
COMMUNICATION			
Bluetooth	Yes	Yes	Yes
WiFi	Yes	Yes	Yes
OCPP 1.6 OR 2.0	Yes	Yes	Yes
4G	Yes	Yes	Yes
ENVIRONMENT			
Installation	Wall-mount / Post-mount		
Operating Temperature (°C)	from -25°C to 50°C		
Operating Humidity	5% ~ 95% No condensation		
Operating Altitude	≤2000m		
DIMENSION AND WEIGHT			
Product Dimension (mm)	320*190*130 mm		
Product Weight (kg)	5,43 kg		
SAFETY			
IP protection rating	IP55		
IK protection rating	IK08		
Residual Current Detection	AC 30mA/DC 6mA		
Electrical Protection	Over current protection, Residual current protection, Ground protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
EMC	Class B		
Certification	CE		
Certification Standard	EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021		