

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), OCPP 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

NGEN-EV7 Single Phase
NGEN-EV11 Three-phase
NGEN-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



NGEN

EV CHARGER

TECHNICAL SPECIFICATIONS

Model	NGEN-EV7	NGEN-EV11	NGEN-EV22
Type	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	Optional
4G, Ethernet	Optional	Optional	Optional
OCPP 1.6 OR 2.0	Optional	Optional	Optional
4G	Optional	Optional	Optional
LAN	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		