



V2G AC Charger

7 kW | TP-EVVA-220-V2G

11 kW | TP-EVVA-380-V2G

Wall mounted 

Stand pedestal (optional) 

Specifications

7 kW

11 kW

AC input

Power	LN+PE	L1L2L3N+PE ,Three-phase
Input/output AC voltage	176 ~ 264 V AC	305 ~ 457 V AC
Rated current	32 A AC*1	16 A AC*3
Rated AC frequency	50/60±1 Hz	
Rated output power	7 kW Single phase	11 kW Three-phase
EV connector type	Type 2	
EV connector(PCS)	1	
EV charger cable	5 m (Others optional)	

AC Output

Power	LN+PE	L1L2L3N+PE ,Three-phase
AC output (V)	176 ~ 264 V AC	305 ~ 457 V AC
Rated AC frequency	50/60±1Hz	
Discharging protocol	ISO 15118-2 ; ISO 15118-20 ; DIN 70121	

Environment

Operating temperature	-25°C ~ 50°C
Altitude	≤6561ft (2000m)
Humidity	5% to 95% no condensation
Degree of protection (IP Class)	IP54

Communication

Network connectivity	LAN (Optional) Wi-Fi (Optional) 4G (Optional) BLE V5.0 (Optional) OCPP V1.6/ WSS (Yes if has Network connectivity) Local Load balance (Optional)
Interface protocol	OCPP 1.6J OCPP 2.0.1 OCPP 2.1

User interface

RFID reader	Active multi-standard
HMI	5" LCD Screen
Power meter	/

Safety

Protection	RCD Type A+6 (with external RCBO Type A) Overvoltage and undervoltage protection Overcurrent protection Upstream protective conductor monitoring (Optional) Output PE continuous continuity checking Surge protection: 4 kV Output short circuit protection (External RCBO) Contactor welding monitoring Temperature monitoring 2 pcs (Optional)
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Specifications

7 kW

11 kW

Regulation

Standard

IEC/EN 61851-1:2017; IEC 61851-21-2:2018
IEC 62196-1:2014; IEC 62196-2:2016
IEC 62955-2018; IEC 61439-7-2018

Mechanical

Dimension (W X D X H)

16.93" x 11.81" x 7.56" (430mm x 300mm x 192mm)

Weight

21.38 lbs. (9.7kg)

23.15 lbs. (10.5kg)

Mounting

Wall mounted/Stand pedestal(optional)

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