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Let's turn the world to be **greener** and more **environment-friendly** by using of evs.



# EV Charging Solution

Global Product Profile



NO.3

# AC EV Charger

## Products

AC EV CHARGER --- Pandaa (7kW-22kW)



Residential Area



Parking Lot



Commercial Building



Fleet



- Safe and reliable, with multiple fault protection, suitable for household and commercial AC EV charging
- Easy installation, wall mounted or pole mounted for optional.
- IP54&IK08 rated for indoor or outdoor applications.
- Connect the Server via Wi-Fi or RJ-45 interface, control charging by APP(Android &iOS).
- Load balance via PLC, do not need special communication cable
- LOGO, color, function etc. are customizable.
- OEM/ODM including size, shape etc. are available.

CE RoHS



IEC 62196-2 Type 2



SAE J1772 Type 1



 Specification

	Model	Pandaa-E Series		Pandaa-U Series	
	For	Europe		North America	
Power Input	Input Type	1-Phase	3-Phase	1-Phase	
	Input Wiring Scheme	1P+N+PE	3P+N+PE	2P+Ground	
	Rated Voltage	230VAC±10%	400VAC±10%	L2: 230VAC±10%	
	Branch Breaker	16A or 32A or 40A			
	Grid Frequency	50Hz or 60Hz			
Power Output	Output Voltage	230VAC±10%	400VAC±10%	L1:100VAC±10%/ L2:230VAC±10%	
	Maximum Current	16A or 32A			
	Rated Power	7kW / 32A	22kW / 32A	3.5KW/16A	7KW/32A
User Interface	Charge Connector	Type 2 Plug		Type 1 Plug	
	Cable Length	5m or Optional			
	LED Indicator	4 Indicator- Power / Connect / Charging / Fault			
	LCD Display	4.3 Inch Touch Color Screen(Optional)			
	RFID Reader	ISO/IEC 14443 RFID Card Reader			
	Start Mode	Plug&Charge/RFID Card/APP			
Communication	Backend	Bluetooth / Wi-Fi /Cellular(Optional) / Ethernet(Optional)			
	Charging protocol	OCPP-1.6J			
Safety and Certification	Energy Metering	Embedded Meter Circuit Component With 1% accuracy			
	Connector Mechanical Operation life	≥10000 times			
	Ingress Protection	IP54			
	Impact Protection	IK10			
	Cooling method	Natural Cooling			
	Electrical Protection	Over/Under Voltage Protection,Over Current Protection, Short Circuit protection, Over/Under Temperature Protection,Lightning Protection,Ground Protection			
	Certification	CE / RoHs / REACH			
	Certification and Conformity	IEC61851-1,IEC62196-1/-2,SAE J1772			
Environment	Mounting	Wall-mount/Pole-mount			
	Storage Temperature	-40°C - +75°C			
	Operating Temperature	-30°C - +55°C			
	Max. Operating Humidity	95% , Non-condensing			
	Max. operating altitude	2000m			
Mechanical	Product Dimension	410mm*260mm*140mm (H*W*D)			
	Mounting Pole Dimension (Optional)	1117mm*240mm*112mm (H*W*D)			
	Weight	1-phase:≤5kg(Net ) /3-phase:≤11kg(Net )			
	Enclosure Material	Front panel: Black, Tempered Glass; Back cover: Gray, Metal Plate			