

AURORA II Series 9.6 kW/11.5 kW AC Charger

TGA2-AC-40A, TGA2-AC-48A

Field-Selectable Power Settings

Built-in switch lets you set the output power to match your site requirements before installation.

Flexible Connector Options

Available in J1772 and NACS connector configurations to suit your installation requirements.

Smart Charging with Scheduling

Optimize energy usage with intelligent scheduling via mobile app. Charge during off-peak hours to reduce electricity costs.

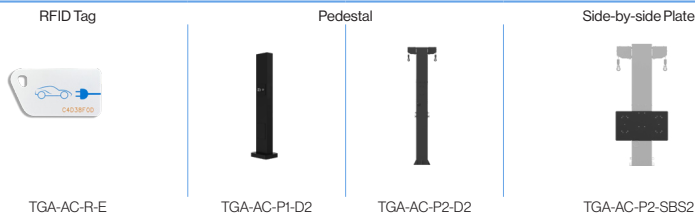
Advanced Multi-Layer Safety Protection

Advanced protection including RCD, ground fault, and SPD technologies for safe and reliable charging.

Versatile Charging Modes

Supports plug and play, OCPP 1.6J backend control, and RFID.

Accessories



Model	TGA2-AC-40A	TGA2-AC-48A
POWER		
Input Voltage	208-240Vac	
Output Current&Power	9.6 kW (40A)	11.5 kW (48A)
Field Selectable Power	Yes, switchable to 16A, 32A, 40A, 48A	
Power Wiring	L1 / L2 / GND	
Input Cord	NEMA 14-50 Plug	Hardwire
Mains frequency	50 / 60Hz	
Connector Type	J1772, 25ft, NACS (optional)	
Ground Fault Detection	CCID 20	
Protection	UVP, OVP, RCD (CCID 20), SPD, Ground Fault Protection, OCP, OTP, Control Pilot Fault Protectio	
USER INTERFACE		
Status Indication	LED indication	
Connectivity	Wi-Fi, Ethernet	
User Authentication	Plug & Charge, OCPP1.6J, APP, RFID	

Model	TGA2-AC-40A	TGA2-AC-48A
Software Update	OTA	
CERTIFICATION & STANDARDS		
Safety & Compliance	UL991, UL1998, UL 2231, UL2594	
Certification	ETL / IC	
Warranty	2 Years	
GENERAL		
Enclosure Rating	NEMA 4 (IP65), IK08	
Operating Altitude	< 6561ft (2000m)	
Operating Temperature	-22°F - +122°F (-30°C - +50°C)	
Storage Temperature	-40°F - +185°F (-40°C - +85°C)	
Operating Humidity	5 - 95%	
Mounting	Wall mount	
Color	Black	
Product Dimensions	8.66" × 8.66" × 3.82" (220mm×220mm×97mm)	

Model	Full Model Name	Ordering Code	Power	Connector
TGA2-AC-40A	TGA2-AC-40A/P0/J1/R/2/BK	810000001	40A	J1772
	TGA2-AC-40A/P0/N1/R/2/BK	810000003	40A	NACS
TGA2-AC-48A	TGA2-AC-48A/H0/J1/R/2/BK	810000002	48A	J1772
	TGA2-AC-48A/H0/N1/R/2/BK	810000004	48A	NACS