

Residential AC Charger

Specifications Sheet



Power						
Model Number	Part Number	Rated Input/Output (V)	Rated Input (A)	Rated Output (A)	MaxPower	Charge Coupler
CTX-RAC48	CTX-R16-240-1	120/208/240VAC 60Hz	16A	16A	3.8kW	SAE J1772 TYPE1 /16A
	CTX-R32-240-1	120/208/240VAC 60Hz	32A	32A	7.7kW	SAE J1772 TYPE1 /32A
	CTX-R40-240-1	120/208/240VAC 60Hz	40A	40A	9.6kW	SAE J1772 TYPE1 /40A
	CTX-R48-240-1	120/208/240VAC 60Hz	48A	48A	11.5kW	SAE J1772 TYPE1 /48A

PowerWiring	
Hardwired via pigtail:L1/L2/PE L/N/PE	Optional
NEMA 14-50P (Selection of rated current not exceeding 40A)	Optional
NEMA 6-50P (Selection of rated current not exceeding 40A)	Optional

Communication	
4G CAT.4	Optional
Dual mode :WiFi 2.4G/BLE 5.0	Optional
RS485	Standard

User Interface& Control	
RGB LED Light	Standard
Power Option Switch	Standard
Reset Switch	Standard
RFID Enable Switch	Standard
Emergency Button	Optional

Firmware Upgrade	
Over The Air (OTA)	Standard
Local Update Possible	Standard

User Authentication	
RFID 【Supports ISO 14443-compliant Type A, mifare one (MFI) cards】	Optional
APP	Optional

Protection Function	
CCID20	Standard
Over Voltage Protection	Standard
Under Voltage Protection	Standard
Over-Current Protection	Standard
Over Load Protection	Standard
Short Circuit Protection	Standard
Ground Protection	Standard
Over-temp Protection	Standard
Surge Protection 6 KV @ 3,000A.	Standard
Fault Self-test	Standard

Power Meter

Measurement error accuracy less than 1% Optional

Memory

Flash Rom (128M Bit) Standard

Real Time Clock

Supercapacitor Standard

Environmental

Enclosure Protection Type 4, IK10

Operating Temperature -30~50°C(-22 to 122°F)

Storage Temperature -40 ~ 75°C(-40 to 167°F)

Humidity Up to 95%, non-condensing

Altitude ≤2000m

Cooling Method Natural Cooling

Mechanical Parameter

Net Weight 5.7 KG 12.6 lbs(Hardwired via pigtail) /6.3KG 13.9 lbs (NEMA 14-50P)

Product Outline Size H*W*D (274.66 mm *178.73 mm *115 mm)

Cable Length 18 Ft or Customization

Regulation

Safety Regulations ETL (UL2231 UL2594 UL1998 UL991)

Energy Efficiency Energy Star(ENERGY STAR®Program Requirements for Electric Vehicle Supply Equipment(EVSE) Version 1.2)

Wireless Certificate FCC, IC

Other

Warranty 2 Years