
FLUX AC CHARGER

Specifications Sheet



Intertek

Power						
Model Number	Part Number	Rated Input/Output(v)	Rated Input (A)	Rated Output (A)	MaxPower	Charge Coupler
CTX-CAC48	CTX-C32-240-1	Level2, 208/240VAC 60Hz	32A	32A	7.68KW	SAEJ1772TYPE1 /32A
	CTX-C40-240-1	Level2, 208/240VAC 60Hz	40A	40A	9.60KW	SAEJ1772TYPE1 /40A
	CTX-C48-240-1	Level2, 208/240VAC 60Hz	48A	48A	11.52KW	SAEJ1772TYPE1 /48A

PowerWiring	
Hardwired via pigtail :L1/L2/GND	Standard

Communication	
4G cat.4	Optional
WiFi2.4G	Optional
BLE5.0	Optional
RFID	Standard
LAN(RJ-45)	Standard
USB(type A)	Standard
RS-485	Optional
CAN	Optional

OCPPVersion	
OCPP1.6J (Upgradeable to 2.0)	Standard

User Interface & Control	
LCD Screen: Size:4.3-inch; /pixels resolution: 800*480/262K colors/ No touch function	Standard
RGBLED Light Bar	Standard
Power Option Switch	Optional

User Authentication	
RFID Card	Standard
QR Code / APP	Standard
ISO15118 (Plug & Play)	Optional

Meter	
Guideway Power Meter Build-in	Optional
On-board Power Meter	Standard

Power Management	
Load Balancing: Operating Stations	Optional

Memory	
Flash Rom (32M Bit)	Standard
TF Card Memory Expansion (NoTF card)	Standard

RealTimeClock	
Coin Cell Battery	Optional
Supercapacitor	Standard

ProtectionFunction

CCID20	Yes
OverVoltage Protection	Yes
UnderVoltage Protection	Yes
Over-current protection	Yes
OverLoad Protection	Yes
Short Circuit Protection	Yes
Ground Protection	Yes
Over-temp Protection	Yes
Surge Protection	6 kV @ 3,000A.

Environmental

Enclosure Protection	Type4, IK10
Operating Temperature	-22°F to122°F (-30~50°C)
Storage Temperature	-40°F to167°F (-40~75°C)
Humidity	Up to95%, non-condensing
Altitude	≤2000m
Cooling Method	Natural Cooling

Mechanical

Net Weight	14-16lbs(32A) / 19-20lbs(40A) / 22-23lbs(48A)
EV Charger	145mm(D) x 245mm(W) x 415mm(H)
Cable Length	18 Ft or Customization

Regulation

Safety Regulations	ETL (UL2231, UL2594, UL1998, UL991)
Metering & Billing	CTEP
Energy Efficiency	Energy Star
Wireless Certificate	FCC, IC

Other

Warranty	2 years
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80A FLUX AC CHARGER

Specifications Sheet



Power						
Model Number	Part Number	Rated Input/Output(V)	Rated Input (A)	Rated Output (A)	MaxPower	Charge Coupler
CTX-CAC80	CTX-C80-240-1	Level 2, 208/240VAC 60Hz	80A	80A	19.2KW	SAE J1772 TYPE1 /80A
	CTX-C80-240-2	Level 2, 208/240VAC 60Hz	80A	1*80A/2*40A (Load Balancing)	19.2KW	2*SAE J1772 TYPE1 /40A

PowerWiring	
Hardwired via Pigtail : L1/L2/GND	Standard

Communication	
4G cat.4	Optional
WiFi2.4G	Optional
BLE5.0	Optional
RFID	Standard
LAN (RJ-45)	Standard
USB (type A)	Standard
RS-485	Optional
CAN	Optional

OCPPVersion	
OCPP 1.6J (Upgradeable to 2.0)	Standard

User Interface& Control	
LCD Screen: Size: 4.3-inch;/ pixels resolution: 800*480/262K colors/ No touch function	Standard
RGBLED Light Bar	Standard
Capacitive Touch Buttons	Optional
Power Option Switch	Standard

UserAuthentication	
Swipe Card	Standard
QR Code/APP	Standard
ISO15118 (Plug & Play)	Optional

Meter	
On-Board Power Meter Measurement Error Accuracy less than 1%	Standard

Power Management	
Load Balancing: Single Device	Optional
Load Balancing: Operating Stations	Optional

Memory	
Flash Rom (128M bit)	Standard
TF Card Memory Expansion (No TF card)	Standard

RealTimeClock	
Supercapacitor	Standard

ProtectionFunction	
CCID20	Yes
OverVoltage Protection	Yes
UnderVoltage Protection	Yes
Over-current protection	Yes
OverLoad Protection	Yes
Short Circuit Protection	Yes
GroundProtection	Yes
Over-temp Protection	Yes
Surge Protection kV @ 3,000A	Yes
Fault Self-Test,	Yes
Environmental	
Enclosure Protection	Type4, IK10
Operating Temperature	-30°C ~ 50°C (-22°F ~122°F)
Storage Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Humidity	Up to 95%, non-condensing
Altitude	≤2000m
Cooling Method	Natural Cooling
Mechanical	
Net Weight	14.7kg/32.4lbs (CTC-80-240-1) 21kg/46.3lbs (CTC-80-240-2)
Product Outline Size	468mm(H) * 289mm(W) * 174mm(D)
Cable Length	18ft or Customization
Regulation	
Safety Regulations	ETL (UL2231, UL2594, UL1998, UL991)
Metering & Billing	CTEP
Energy Efficiency	Energy Star
Wireless Certificate	FCC, IC
Other	
Warranty	2 years