THUNDER

AC 19.2 KW*2

SPECIFICATIONS

- WALL OR FLOOR MOUNT
- EACH PLUG OUTPUTS 80A
- CAN SHARE CIRCUITS



Output amperage adjustable, from 6A to 80A

THUNDER
ACCOMMERCIAL
LEVEL 2 ELECTRIC VEHICLE CHARGER

SPECIFICATIONS THUNDER AC 19KW | 80AKW

Product Information

Input/output power rating and current	2*19.2kW (240V AC*80A） Output amperage adjustable via mobile app, from 6A to 80A
Input/output voltage	208V±15%; 240V±15%, 60Hz
Network type	L1/N+PE, L1/L2/PE
Input cord	Hardwired
Connector type	SAE J1772, 24.6’ (7.5m) or 16.4' (5m)
Ground fault detection	20mA CCID
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection
Card reader	Optional: ISO 15693, ISO 14443, NFC
Power measurement accuracy	+/- 1.0% from 1% to full scale

General Characteristics

Enclosure rating	NEMA 3R
Operating altitude	6561.7' (2000m)
Operating temperature range	-40ºF~+122°F (-40°C~+50°C)
Storage temperature range	-40ºF~+185°F (-40°C~+85°C)
Mounting	Wall or floor using a pedestal
Dimensions (H×W×D)	24.60"x12.6"x6.7" (625×320×170mm)

User Interface

Status indication	LED / APP / LCD (8 inch,1280*720 touch screen)
User interface	EVI Driver APP; EVI CPMS
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G, RS485
Communication protocols	OCPP 1.6J (Can be upgraded to OCPP 2.0.1 later)
User authentication	APP, RFID card, Credit Cards (Optional)

Software Update

OTA updates via web portal

Certification and Standards

Safety and compliance	UL 2231-1, UL 2231-2, UL2594, NEC Article 625, CSA C22.2, UL 916
EMC compliance	FCC 15 Class B
Certification	Energy Star, OpenADR 2.0b
Warranty	36 months, warranty extension possible