POWER MOVE

Voltaris 480

Commercial DC Fast Charger

PRODUCT HIGHLIGHTS

- **Flexible & Expandable Charging**
  Power from 120 to 480 kW.

- **Premium Build & Easy Control**
  Advertising display, stainless steel housing, top-brand components (LEM, ABB, Schneider).

- **Smart So ware & Connectivity**
  LAN & 4G, OCPP 1.6 certified and OCPP 2.0.1 upgradeable, seamless backend integration. Stay up to date with OTA updates.

- **Easy Installation & Maintenance**
  With the patented Programmable Power Controller, the Ampax Pro is easy to maintain. All components are easily accessible and can be repaired or replaced within 60 minutes using standardized work steps.

- **Full Certification**
  CE, RoHS, RED; ETL, FCC, IC, Energy Star, CTEP/NTEP

Specification of Voltaris 480

Item	Voltaris480 (Coming Soon)
Power Specification	

DC Output	Output Power	Configurable as 480 kW, 400 kW, 320 kW, 240kW, 160kW, 120kW Upgradable from 240 kW to 320 kW or 320kW to 480 kW
	Power Module	40kW SIC
	Dynamic Power Sharing	Minimum adjustable power 40-80 kW
	Output Voltage	150 - 1000 V
	Output Current(Nominal)	CCS1/CCS2: 400A, 600A J3400(NACS): 375A, 600A GBT: 300A, 600A
	Number of Outlets	Dual Outlet
	Power Conversion Eciency	Up To 97%
AC Input	Nominal Voltage	(CE): 400 Vac (NA): 480 Vac
	Frequency	50/60 Hz
	Power Factor	> 0.99 at full load
	Total Harmonic Distortion (THD)	< 3%

Customer Interface	
Display	15.6'' HD LCD (Optional) Type: 32" HD full-color LCD for Advertising
Languages	English, French, Spanish, German, Italian
Connector Options	CCS1/CCS2 air cooling / liquid cooling options J3400(NACS) air-cooling / liquid cooling options GBT air-cooling / liquid cooling options
Cable Management	2 self-retracting swing arms (Enclosure Integrated)
Cable Length	5m (Reach: 4.8) / 7.5m (Reach: 6.1m)
Lighting	Roof: 270° RGB strips; Bevels: LED indicators; Gun holder: RGB
Authentication Methods	RFID, Plug & Charge (ISO 15118), credit/debit card, mobile app
RFID System	ISO 14443 A/B, 4 and ISO/IEC 15693

System Specification		
Operating Conditions	Temperature	Operating from -30°C to 55°C with derating from 50°-55° Storage from -40°C to 70°C, IEC 60721-3-2
	Altitude	2000 m (6562)
	Humidity	up to 95%, non-condensing
	Noise Level	< 65 db
	Impact Resistance	IK10, NEMA 3R
	IP Rating	IP54
Form Factor	Dimensions of Charger Body	H x W x D = 2200 x 850 x 750 mm
	Accessibility	Meets ADA Requirements
	Enclosure Type	Stainless Steel

Standards & Compliance	
Safety Certifications	(CE): CE, CB, UKCA (NA): ETL, FCC, CSA, Energy Star
Metering	(CE): MID, (NA): CTEP/NTEP
EMC	(CE): IEC 61851-21-2 (NA): FCC 47 CFR Part 15B (Class A)
Network Connections	(Optional) Dual 4G/5G, WIFI, Ethernet (10/100 Base-T)
OCPP	1.6J and 2.0.1
Vehicle Communication Protocol	DIN SPEC 70121, ISO 15118-2, ISO 15118-3, Plug & Charge
RED Directive	ETSI EN 300 330, ETSI EN 301 489-1, ETSI EN 301 489-3, ETSI 301 489-52, ETSI EN 301 908-13, EN 50364 (RFID), IEC 62311: 2019, EN IEC 62311: 2020 (4G test)
Standard Warranty	2 years + SLA Package