

voltra [⊕] charging

TECHNOLOGIE DIE JE VERDER BRENGT



Technical data sheet 360 - 480kW Power Bank

Technical Data Sheet

UP TO 96.3%

Efficiency @half load rate

MAX. 500A OUTPUT

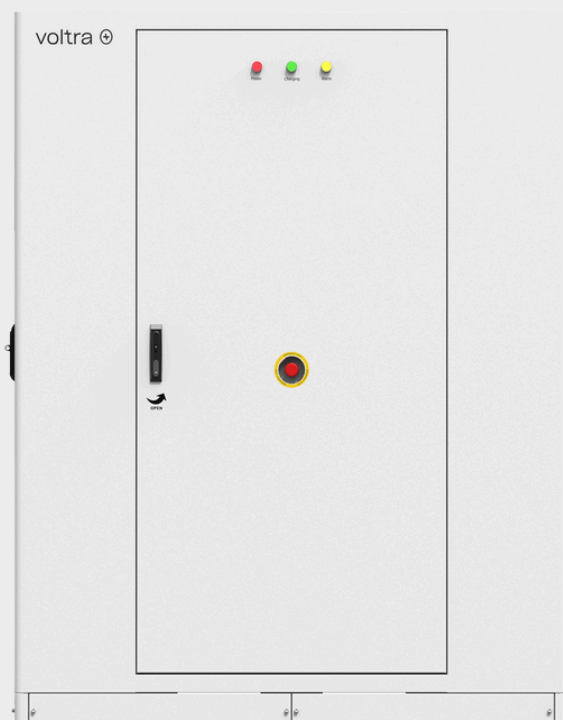
350A boost to 500A
Continuous charging at 500A

360-480KW OUTPUT

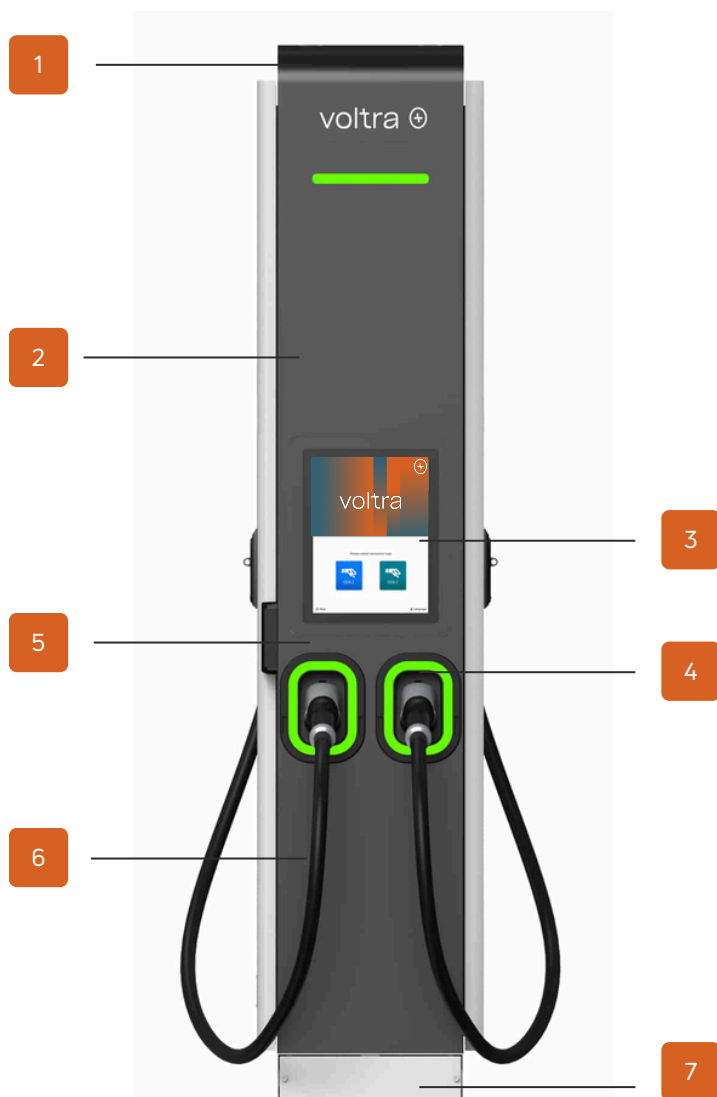
Expand where your demand
grows

FLEXIBLE CONFIGURATION

6 connectors in maximum
Dual-connector dispenser and
wallbox dispenser available at
the same time



voltra +

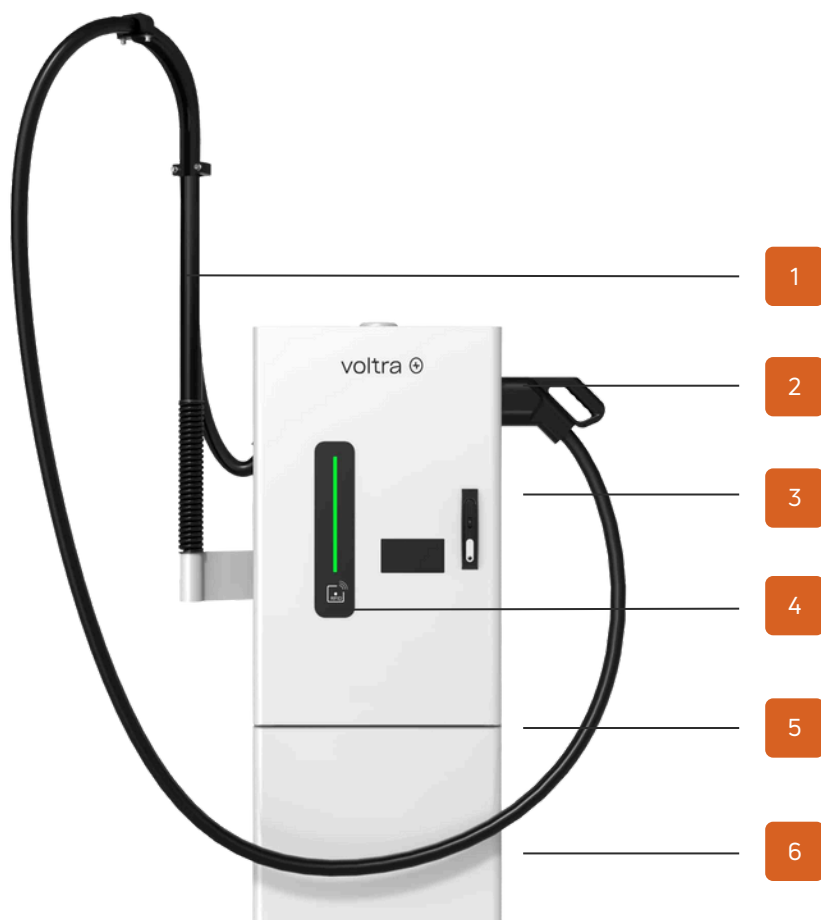


DUAL CONNECTOR DISPENSER

- 1 Cable management system
- 2 Stainless steel frame
- 3 15" HD screen
- 4 CCS2 connectors
- 5 Payment terminal (optional)
- 6 5m charging cable
- 7 Mounting flange

SINGLE CONNECTOR DISPENSER

- 1 Cable management system
- 2 CCS2 connector
- 3 Door opening
- 4 Payment terminal (optional)
- 5 Stainless steel frame
- 6 Mounting flange



POWER BANK

Item	Parameter
Electric specification	
Rated output power	360kW, 480 kW
Input Voltage Range	400 V (±10%) @ 50 Hz
DC Output Voltage	200–1000 V
Power Factor	≥ 0.99
THDI	≤ 5%
Peak Efficiency	96.5%
Maximum Output quantity	6 connectors
Protection	Lightning protection
	Emergency protection
	Overload protection
	Short-circuit protection
	Leakage protection
	Overcharge protection
	Over/Under voltage protection
	Reverse connection protection
	Over temperature protection
Environment specification	
Operational altitude	< 2000 m
Operating temperature	–25 °C to +50 °C (Full power)
Humidity	5%–95% Rh non-condensing
Mechanical specification	
IP/IK degree	IP55 / IK10
Dimension	W1600 × D1100 × H2000 mm
Weight	< 900 kg
Certificate	
Certificate	CE, RCM

DUAL CONNECTOR DISPENSER

Electric specification	
Output voltage	200–1000 V
Rated output power	Up to 480 kW
Maximum current per connector	CCS2 (Conventional cooling): 350 A (boost to 500 A)
Connector combination	CCS2 (Liquid cooling): 500 A
	350 A + 350 A; 500 A + 500 A; 500 A + 350 A
User interface	
Cable length	5 m
Screen	15" HD touchscreen
User Authentication	Credit Card, QR Code, RFID, Card, Autocharge
Connectivity	Ethernet / GSM, 4G
Language	English (Support customizing other languages)
Barrier free design	Yes
Mechanical Specification	
Size	W800 × D450 × H2100 mm
Protection Level	IP55 / IK10
Weight	≤ 270 kg
Protocol and standards	
Backend communication	OCPP1.6, OCPP2.0.1
EV communication	DIN70121, ISO 15118
Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
Certificate	
Certificate	CE, RCM, Eichrecht, MID compliant, OCA1.6J

SINGLE CONNECTOR DISPENSER

Electric specification	
Output voltage	200–1000 V
Rated output power	Up to 200 kW
Maximum current per connector:	CCS2 (Conventional cooling): 200 A / 350 A
User interface	
Cable length	5 m
User Authentication	RFID Card, Autocharge
Connectivity	Ethernet / GSM, 4G
Mechanical Specification	
Size	W500 × D200 × H800 mm
Protection Level	IP55 / IK10
Weight	≤ 50 kg
Protocol and standards	
Backend communication	OCPP1.6, OCPP2.0.1
EV communication	DIN70121, ISO 15118
Standards	IEC 61851-1, IEC 61851-23, IEC 61851-21-2
Certificate	
Certificate	CE