

POWER MOVE

Voltaris 1.0

US series

Commercial DC fast charging station



- Modern appearance design
- Highly integrated, self-developed patented power controller
- Diversified adaptation with mainstream OCPP platforms
- Self-developed & owned communication module
- Tested with the multiple brands and models of EV

PRODUCT INTRODUCTION

- A charging station can charge most vehicles up to 80% of their range within 30 minutes.



OCA.0016.
0663.CS



OCA.0016.
0664.CS

CTEP

Coming soon



Intertek
No.5027451

FC

FCC ID:
2AZGWIHUB-2309



No.2684019

PRODUCT HIGHLIGHTS

- 10-inch touchscreen
- Payment terminal optional
- NACS connector optional
- OCPP 1.6J and OCPP 2.0.1 optional
- CTEP/ NTEP (compatibility)
- Plug & charge (coming soon)

Specification of Voltaris 1.0 US series

Power Specification	
Input voltage rating	480 VAC \pm 10%, 50/60 Hz
Power wiring	L1+L2+L3+N+GND
Dc voltage output	150 ~ 1000VDC
Charging connector	CCS1+CCS1, CCS1+NACS (Coming soon)
Charging cable length	5 meters/ 7.5 meters optional
DC power output rating	120kW/ 150kW/ 180kW/ 240kW
Constant power range	300 ~ 1000V DC
e maximum output current	300A
PF(Power Factor)	> 0.98(Load \geq 50%)
Connector mechanical operating life	\leq 10000 times, without load
User Interface & Control	
Charging control	RFID, Credit Card(Optional), App (Optional)
Human-machine interface	10-inch high-contrast touch screen
Indicators	High brightness multi-color LED lights
Network interface	Ethernet (RJ-45) / 4G/WIFI
Protocol(EVSE&Backend)	OCPP1.6J and OCPP2.0.1 Optional
Protocol(EVSE&EV)	DIN70121, ISO15118
Environmental	
Storage temperature	-40°C to 75°C
Work temperature	-30°C to 55°C(50-55°C derating output)
Work humidity	Up to 95% non-condensing
Work altitude	\leq 2000m
Cooling method	Forced air cooling
Protection	
Protection	Over Voltage Protection; Under Voltage Protection; Over Current Protection; Over Power Protection; Over Temperature Protection; Surge Protection Device; Short Circuit Protection; Inter modulation Distortion
Mechanical	
Protection ratings	Type 3R
Dimension (WxDxH)	1040mm \times 580mm \times 2200mm
Net weight	less than 500kgs
Enclosure material	Metal
Color	RAL 7032 (Grey)