

Titan V5 180kW



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional) .
- Connect to any backend based on OCPP 2.0.1J protocol.

Specifications



General Information	
AC Rated Input Power	480V/3P+N+PE 50/60Hz
AC Input Voltage Range	480V±15%
AC Rated Input Current	277A for 180kW output
Power Factor	≥0.99 @ Full Load, ≥1% accuracy
Efficiency	95%, 96.5% (optional), @ Full Load
Grid Type	TN-S, TN-C, TN-C-S, TT
Connector Type	CCS2+CCS2 GB/T+GB/T CCS2+GB/T
Rated Power	150kW/180kW
Output Voltage	CCS2: 150-1000Vdc GBT:150-950Vdc
Output Current	CCS2: rated 300A, GB/T: rated 250A, boost 300A
User Interface	
Display	10.4-inch touch screen
Support Language	English and Spanish (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App, Payment terminal, POS (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE & Backend)	OCPP 1.6J, OCPP 2.0.1
Protocol (EVSE & EV)	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30°C to +60°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m≤3400
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen) NEMA 4X / IP65 (optional)
Cooling	Forced air cooling
Charging Cable Length	5m, 7m (optional)
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground) 7m cable @ approx. 4.7m operating range (0.6m cable will be on ground)
Dimensions (WxHxD)	750*1790*720mm (without connector holder and cable management system)
Weight	Approx. 463kg (without cable management system) Approx. 28kg cable management system
Installation	Ground mounting
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU, FCC Part 15 Class A
Certification	CE, CB