

Titan V5 120kW



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional)
- Connect to any backend based on OCPP 1.6J protocol.

Specifications



General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	185A
Power Factor	≥0.99 @ Full Load
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	120kW
Output Voltage	150-1000Vdc
Output Current	CCS2: rated 300A GB/T: rated 250A, boost 300A
User Interface	
Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (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 +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air cooling
Charging Cable Length	5m (optional)
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground) 6m 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. 433kg (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
Certification	CE,CB,RCM

Titan V5 180kW (Commercial vehicle scenario)



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional) .
- Connect to any backend based on OCPP 1.6J protocol.

Specifications



General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	277A for 180kW output
Power Factor	≥0.99 @ Full Load
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	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 (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (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 +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air cooling
Charging Cable Length	5m (optional)
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground) 6m 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
Certification	CE,CB,RCM

Titan V5 Pro 180kW (Public operation scenario)



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional) .
- Connect to any backend based on OCPP 1.6J protocol.

Specifications



General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	277A for 180kW output
Power Factor	≥0.99 @ Full Load
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	180kW
Output Voltage	150-1000Vdc
Output Current	CCS2: rated 300A, boost 500A GB/T: rated 250A, boost 400A
User Interface	
Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (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 +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air cooling
Charging Cable Length	5m (optional)
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground) 6m 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
Certification	CE, CB

Titan V5 240kW (Commercial vehicle scenario)



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional)
- Connect to any backend based on OCPP 1.6J protocol.



Specifications

General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	361A for 240kW output
Power Factor	≥0.99 @ Full Load
Efficiency	96.5% @ 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	240kW
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 (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (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 +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air cooling
Charging Cable Length	5m (optional)
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground) 6m 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. 475kg (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
Certification	CE, CB

Titan V5 Pro 240kW (Public operation scenario)



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional)
- Connect to any backend based on OCPP 1.6J protocol.



Specifications

General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	361A for 240kW output
Power Factor	≥0.99 @ Full Load
Efficiency	96.5% @ 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	240kW
Output Voltage	CCS2: 150-1000Vdc GBT:150-950Vdc
Output Current	CCS2: rated 300A, boost 500A GB/T: rated 250A, boost 400A
User Interface	
Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
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