

Titan V5

DC All-in-One High Power Charger
180kW/240kW



Fleet Depot Destination Public Charging



CCS2



GB/T



Titan V5

Titan V5 is an all-in-one high-power EV charger featuring industry-leading peak efficiency of 97%, significantly reducing power loss and energy costs. Its modular design ensures high availability for continuous charging service. The dynamic power distribution design enables maximum energy usage and optimal charging speed, enhancing the overall charging experience. It's ideal for public charging stations offering 5- to 30-minute drive-through charging.



Extremely Friendly

10.4 inch High-brightness screen, visible under strong sunlight. Compact cabinet design minimizes footprint (0.54m²), eases transport, and saves installation space.



Boost mode

10min for extra 25kw-h, Single charging save 5~10min
Station turnover rate enhancement 15%
@Computing based on the 800V platform



Extremely Quiet

Noise reduction structure design 'U-shaped' ductwork
Intelligent fan speed control algorithm
High-efficiency Silent Module



Exquisite Quality

IP55 enclosure, U-shape air duct design and filling process ensure stable operation in extreme environments. Adaptation to high-salt, high-humidity, high-temperature, and extreme cold environments.

Specifications

Specifications are subject to change without notice.

	180kW	240kW
General Information		
Input Voltage	400V AC±15% , 50/60Hz, 3/N/PE	
Rated Input Current	277A	361A
Earthing System	TN-S, TN-C-S, TT	
Power Factor	≥0.99 @ Full Load	
Efficiency	up to 95.6%	up to 97%
Connector Type	CCS2+CCS2, GB/T+GB/T, CCS2+GB/T	
Output Voltage	CCS2: 150-1000Vdc GB/T:150-950Vdc	
Output Current	CCS2: 300A rated (500A max. optional) GB/T: 250A rated (400A max. optional)	
User Interface		
Display	10.4-inch touch screen	
Support Language	Multilingual system	
Button	Emergency stop button	
User Authentication	RFID, QR code, APP (optional), Free charging, MAC authentication, credit/debit card(optional)	
Communication		
Network Interface	3G/4G, Wi-Fi, Ethernet	
Backend Protocol	OCPP 1.6J, OCPP 2.0.1	
EV Communication Protocol	DIN SPEC 70121, ISO 15118-2	
Environmental		
Operating Temperature	-30℃ to +50℃(derating over 50℃)	
Storage Temperature	-40℃ to +70℃	
Humidity	5% to 95% (no condensation)	
Altitude	≤2000m	
Corrosion Protection Class	C3-M	
Mechanical		
IP Rating	IP55	
IK Rating	IK10	
Cooling	Air-cooled	
Charging Cable Length	5m (other length optional)	
Cable Management System(CMS)	Swing Arm version(optional)	
Dimensions (WxDxH)	750 × 720 × 1790mm (without CMS)	
Weight	Approx. 375kg	Approx. 418kg
	Approx. 28kg cms	
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	

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