

Titan V4

DC All-in-One High Power Charger

240 kW-320 kW



Public









Destination



CCS-2



-  97% Efficiency
-  150-1000Vdc wide output voltage range.
-  Equipped with payment terminal
-  PnC and ISO 15118 Ready
-  Cable management system (Optional) and DDA compliance.
-  Connect to any backend based on OCPP 1.6J (OCPP2.0 ready)



Titan V4

Maximize Power Performance & Uptime for Optimal Charging Operations

Titan V4 is an all-in-one high-power EV charger featuring industry-leading power efficiency of 97%, significantly reducing power loss and energy costs while adding 2% to 3% profit to charging station operations. Its modular design allows scalability from 240kW to 320kW in the field and 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 services.



Maximum Power

- Efficiency $\geq 97\%$ (Full load)
- Up to 500A per single connector
- Dynamic power distribution for optimal power output



Customizability

- CPO Branding
- User interface
- Power distribution logic
- Software and APP Development



User Friendly

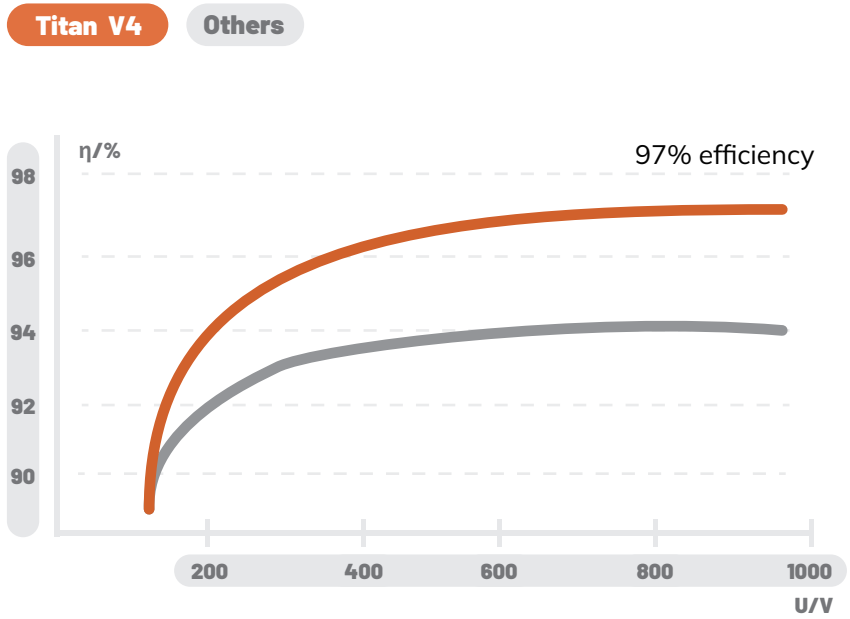
- Ergonomically designed cable management system for reduced operating force and enhanced operating range
- Large screen with intuitive user interface
- Overhead lighting to indicate the charging availability and status



Serviceability & Availability

- Connect to StarCharg or third-party backend, enabling faster diagnostics
- Reduced maintenance costs with single-person operation
- Modular power module design to increase uptime availability

Industry Leading Efficiency $\cong 97\%$ Adding 2% to 3% Profit to Charging Station Operations



Cable Management System

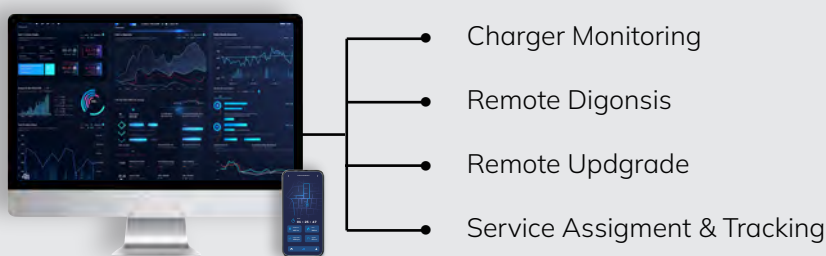
- Less Force:** Automatic arm retraction for easy use.
- Smoother Operation:** Improved durability and stability.
- Cable Protection:** Reduces bending, weather-resistant.
- Efficient Use:** Prevents floor contact, maximizing cable use.



StarCharge Global Service Network

4	14	30+	70+	1k+	30+
Regional Service Center	Local Hotline	Sapre Parts Warehouse	Cetified Service Partners	Cetified Service Engineers	Subject Matter Expert

StarCharge O&M Center



StarCharge Service APP

Specifications

Specifications are subject to change without notice.

Input Rating	400V a.c. $\pm 15\%$, 3 phases, 50/60Hz, L1+L2+L3+PE+N (N is optional)
Input Current Rating	AC 481A for 320kW output / AC 421A for 280kW output AC 361A for 240kW output
Power Factor	≥ 0.99 @ Full Load
Efficiency	97%
Output Interface	CCS2+CCS2 (simultaneous charging)
Output Power	320kW max.(40kW as an increment)
Output Voltage	150-1000Vdc
Output Current	Rating 300A/connector(10 min @ 500A max.)
Protocol (EVSE&Backend)	OCPP 1.6J (OCPP2.0 could be updated in the future)
Protocol (EVSE&EV)	DIN 70121, ISO 15118
Altitude	≤ 2000 m above sea level
IP Rating	IP55
IK Rating	IK10 (Screen is IK08)
Charging Cable Length	5m or 6m (optional)
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3m operating range (cable will not touch ground) 6m cable @ approx. 4m operating range (0.3m cable will be on ground)
Dimensions (WxHxD)	800*2050*750mm 1259*2225*800mm (with cable management system)
Weight	Approx. 410kg (excluding power modules)/CMS approx. 36kg/Upper LED light approx. 15.5kg/Approx. 17kg per power module*
Certification	CE, CB