

Nova V5



Power Cabinet of Split Type Charging System

360/480 kW



Fleet Depot Destination Public Charging

Nova V5

Nova V5 is a global oriented DC charging system covering 360kW and 480kW power tiers for all scenario applications. It adopts the upgraded Star link power allocation topology and a separated layout for electrical compartment and module compartment. Serving as an intelligent charging solution built around the Star link Power Pool, it can be flexibly matched with diverse terminals to accommodate multiple charging scenarios.



Starlink Power Pool Technology

Starlink dynamic power distribution, single gun can call upon all modules



Multiple smoothing upgrades

It enables smooth upgrades of rectifier cabinet power and terminal types.



Multiple Dispenser combinations

It can be combined with both liquid cooled and air-cooled terminals, and can flexibly adapt to different



application scenariosAggregate power

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Specifications

Specifications are subject to change without notice.

	360kW	480kW
General Information		
Input Power	400V AC ± 15%, 50/60Hz, 3/N/PE	
Rated Input Current	550A	737A
Earthing System	TN-S, TN-C-S, TT	
Power Factor	≥0.99 @ Full Load	
Efficiency	up to 96.5%	
Output Voltage	150-1000V DC	
Output Current	up to 1200A	up to 1600A
Output Channel	12	
User Interface		
Button	Emergency stop button	
Communication		
Network Interface	3G/4G, Wi-Fi, Ethernet	
Backend Protocol	OCPP 1.6J/OCPP 2.0.1(OTA)	
Environmental		
Operating Temperature	-30°C to +50°C(derating over 50°C)	
Storage Temperature	-40°C to +70°C	
Humidity	5% to 95% （no condensation）	
Altitude	≤2000m	
Corrosion Protection Class	C3-M	
Mechanical		
IP Rating	IP55	
IK Rating	IK10	
Cooling	Air-cooled	
Dimensions (WxDxH)	1050*1150*1750mm	
Weight	Approx. 660kg (power cabinet)	
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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