

NOVA



Power Cabinet of Split Type Charging System

360 kW/720 kW



Fleet



Public



Destination



Aries2



Neptune



Triton

NOVA is the core of StarCharge's split-type charging solution, designed to pair with its in-house dispensers like Aries V2, Triton, and Neptune. Available in 360kW and 720kW models, it offers 97% efficiency and up to 600A output per connector depending on the dispenser model. Supporting up to 12 configurable connectors, Nova enables flexible charger placement, adjustable power output, and optimal space use, making it ideal for public fast charging, fleet, and destination charging. Its modular design and dynamic power distribution ensure continuous operation, enhanced efficiency, and a longer system lifespan.



Flexibility

- Supports up to 12 connectors per cabinet.
- Able to pair with different StarCharge dispensers based on needs.
- Distributed design easily adapts to various charger station configurations.



High Utilization Rate & Availability

- Smart dynamic power distribution accelerates charging shifts.
- Modular design ensures high availability for continuous operations.



Three Optional Charging Modes

- Fair Sharing Mode: Provides flexible charging for all users.
- First-In-First-Served Mode: Maximizes parking space utilization.
- VIP Charging Mode: Prioritizes faster charging for VIP customers.



Scalability

- Two cabinets can be connected in parallel for maximum capacity of up to 1.44MW.
- MW charging solutions are possible by adding MW dispensers.



StarCharge Split Type Charging Solutions

Greater Flexibility & Utilization Rate for Faster Returns



- Aries 2**
 - Air-cooled
 - Max. xxx A per connector
 - 1895 x 410 x 378 mm

- Neptune**
 - Liquid-cooled
 - Max. xx A per connector
 - 1050 x 2200 x 707mm

- Triton**
 - Overhead Mounted Dispenser
 - Max. xx A per connector
 - 860 x 375 x 121.5mm & 590 x 398.5 x 160mm

User case: Fleet Depot Charging



User case: Fast/Destination Charging



Specifications

Specifications are subject to change without notice.



Power Rating	400Vac±10%, three-phase, 50/60Hz, 2 x (L1+L2+L3+N+PE)
Power Factor	≥0.99 @ Full Load
Efficiency	95%
Output Power	360kW max.
Output Current	1200A in total, 100A/power module, 500A max./channel
Protection Grade	IP55 & IK10
Cooling	Forced Air Cooling
Dimension(WxHxD)	1564*1993*1223 mm
Weight	Approx. 655kg (excluding power modules)
Certification	CE-RED



Power Rating	400Vac±10%, three-phase, 50/60Hz, 2 x (L1+L2+L3+N+PE)
Power Factor	≥0.99 @ Full Load
Efficiency	≥97%
Output Power	720kW max.
Output Current	2400A in total, 600A max./channel
Protection Grade	IP55 & IK10
Cooling	Forced Air Cooling
Dimension(WxHxD)	1500*2000*1200 mm
Weight	Approx. 655kg (excluding power modules)
Certification	CE-RED