Star Charge

Aries V2

High Power Dispenser / Split-type Charging System

Public

Fleet

CCS-2

Nova
Power Cabinet

Aries V2 is designed for performance, space-saving, and user convenience. When paired with the StarCharge Nova power cabinet, Nova + Aries can achieve dynamic power distribution, support up to 12 connectors in parallel, and provide 97% power efficiency. The combined system offers a power capacity range from 360kW to 1.4MW, making it an ideal solution for fast charging stations and fleet charging.

Ergonomics & Space-Saving Design

The swinging arm cable management system enables smooth cable handling and its slim footprint providing flexible installation options while maximizing space efficiency.

High Output

Capable of delivering an adjustable output current of up to 600A/connector.

Seamless Integration

Compatible with multiple payment systems, fully supports both StarCharge or third-party management systems for flexible integration.
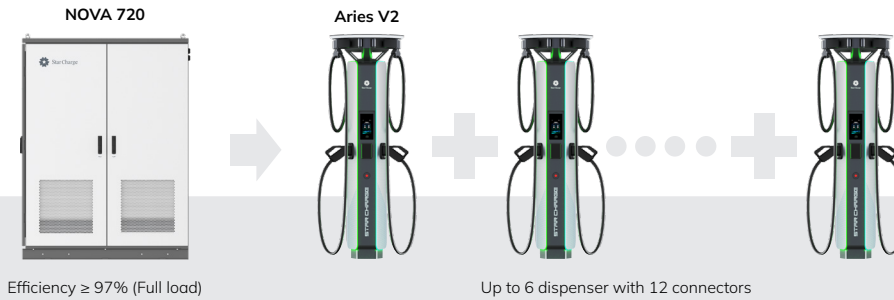
Flexible Integration to Backend

Fully supports the OCPP 1.6J protocol, enabling seamless integration with both StarCharge and third-party charging management systems.

NOVA HPC System

Nova+Aries V2: Greater Flexibility & Utilization Rate for Faster Returns

Nova 720 with Aries V2

- 97% system efficiency
- Advanced dynamic power distribution
- Dual CCS2 peak 600A
- High power density and small footprint

NOVA 720 — Efficiency ≥ 97% (Full load)

Aries V2 — Up to 6 dispenser with 12 connectors

User case： Public Charging Station

The objective is to maximize the charging speed of EV during a brief stop on the road.
The average charging time ranges from 5 minutes to half an hour.

User case： E-Bus Fleet Depot

E-Bus are charged overnight during non-working hours.
The average charging time ranges from 6 hour to 8 hours.

Specifications

Specifications are subject to change without notice.

Power Input	Auxiliary power supply: 230Vac±10%, single-Phase, 50/60 Hz, L+N+PE
Output Interface	CCS2+CCS2
Output Power	720kW max.
Output Voltage	150-1000Vdc
Output Current	380A rating / connector (600A max. / connector)
Simultaneous Charging	Yes
Display	7-inch touch screen
Network Interface	4G, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118
Operating Temperature	-30℃ to 55℃ (Derating from 50℃)
Storage Temperature	-30℃ to 70℃
IP Rating	IP55
IK Rating	IK10 (Screen IK08)
Cooling	Forced Air Cooling
Noise	≤60dB @ 1m
Charging Cable Length	6m or 10m(optional) (cable management system is optional)
Dimensions (WxHxD)	1895 x 410x378 mm