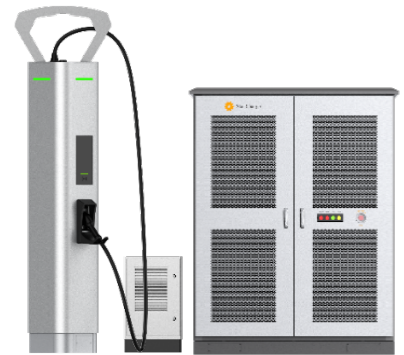




Advanced High Power Charging System

Main features

- 500A output current with liquid cooling system.
- Up to 360 kW output power per connector.
- 200-1000Vdc super wide output voltage range.
- Great scalability up to 6 charging points per power cabinet.
- Smart O&M system with OCPP 1.6J.



Specifications

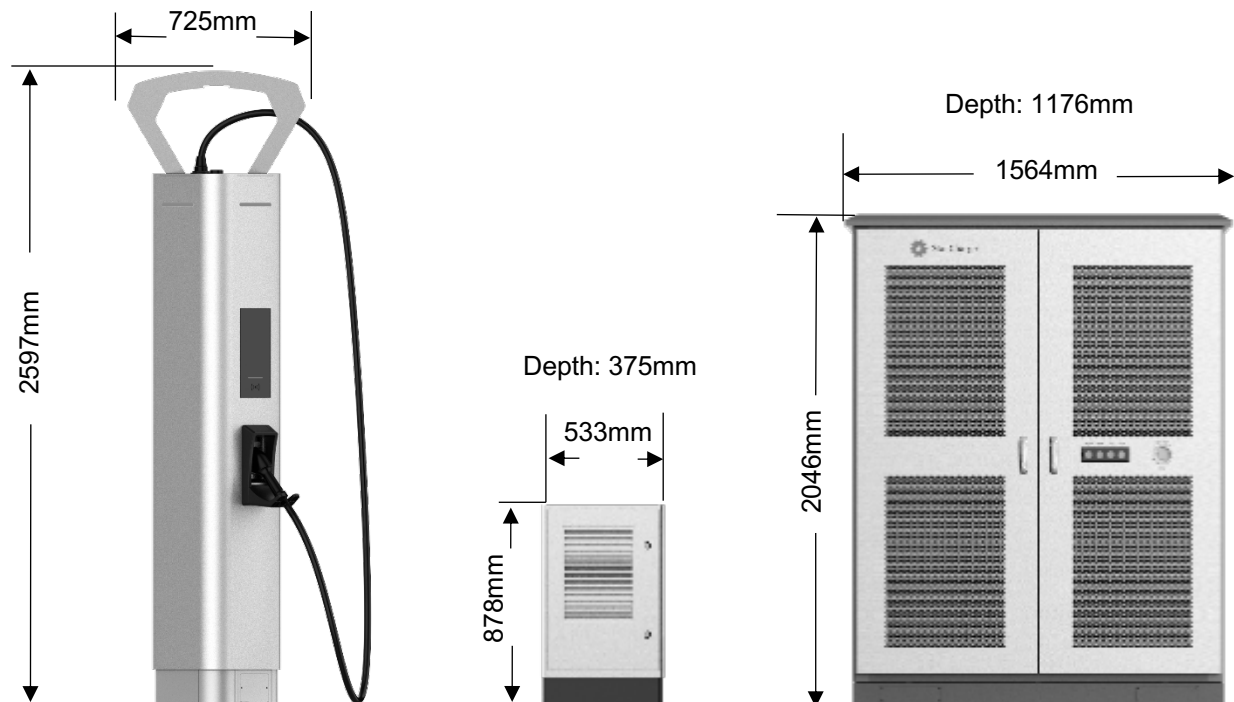
User Unit	Design sketch		
	Model	Aries S Premium	Aries D Basic
	Output Interface	1 x CCS2 (Liquid cooling)	2 x CCS2 (Natural cooling)
	Output Power	360kW max.	200kW max. per connector
	Output Voltage	200-1000Vdc	200-1000Vdc
	Output Current	500A max.	200A max. per connector
	Display	10.1" LCD Touch Panel	10.1" LCD Touch Panel
	Support Language	English, Other languages available upon request	English, Other languages available upon request
	Push Buttons	Emergency stop button	Emergency stop button
	RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader	ISO/IEC 14443 A/B Mifare RFID reader
	Network Interface	4G, Wi-Fi, Ethernet	4G, Wi-Fi, Ethernet
	Protocol	OCPP1.6J	OCPP1.6J
	Operating Temperature	-30°C - 55°C (Derating over 50°C)	-30°C - 55°C (Derating over 50°C)
	Storage Temperature	-40°C - 70°C	-40°C - 70°C
	Humidity	5% - 95% no condensation	5% - 95% no condensation
	Altitude	≤3000m (Derating over 2000m)	≤3000m (Derating over 2000m)
	Ingress Protection	IP55	IP55
	Enclosure Protection	IK10	IK10
	Cooling	Liquid cooling	Natural cooling
	Charging Cable Length	4.5m	4.5m
	Dimension (WxHxD) Maximum outer size	User unit: 725*2597*504mm Liquid cooling box: 533*878*375mm	User unit: 725*2597*504mm
	Footprint	User unit: 400*400mm Liquid cooling box: 518*343mm	User unit: 400*400mm
	Installation	Ground-mounted	Ground-mounted

Note: Pictures are for reference only, please prevail in kind.



Rectifier cabinet	Model	Nova 360
	Input Rating	400Vac±10%, 3-Phase, 50/60 Hz, 2 x (L1+L2+L3+N+PE)
	Power factor	0.99 at nominal output power
	Current THD	≤5% at nominal output power
	Efficiency Rectifier	≥95% at nominal output power
	Output channel	Up to 6 channels
	Output Voltage	200-1000Vdc
	DC Output Current	Up to 500A per channel
	DC Output Power	360kW max.
	Push Buttons	Emergency stop button
	Network Interface	Ethernet to user unit
	Operating Temperature	-30°C-55°C (Derating over 50°C)
	Storage Temperature	-40°C-70°C
	Humidity	5%-95% no condensation
	Altitude	≤3000m (Derating over 2000m)
	Ingress Protection	IP55
	Enclosure Protection	IK10
	Cooling	Forced air
	Dimension (WxHxD) Maximum outer size	1564*2046*1176mm
	Footprint	1500*900mm
Weight	approx. 660kg (Without power modules)	
Installation	Ground-mounted	
Certificate	CE	

Dimensions



Note: Pictures are for reference only, please prevail in kind.

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