

Arc Smart 22kW (ready in Jun. 2024)



Main Features

- Excellent industrial design brings pleasant user experience.
- Connect to any backend supporting both OCPP 1.6J & 2.0.1 protocols.
- Could connect to StarCharge Peak Controller (optional accessories) via Ethernet to realize local dynamic load management.
- Equipped with independent MID meter.



Specifications

General Information	
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current Rating	22kW/32A max.
Input/Output Voltage Rating	230Vac±10%, 50Hz, Single phase (L1+N+PE) 400Vac±10%, 50Hz, Three phases (L1+L2+L3+N+PE)
Grid Type	TN-S, TN-C-S, TT, IT(L1+L2 230Vac Single phase, optional)
Charging Interface	1 × IEC 62196-2 Type 2 socket (Case B)
Metering	Chip meter
Internal RCD	30mA AC+ 6mA DC(Internal chip integration)
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Grounding fault, Integrated surge protection
User Interface	
Status Indication	LED indicator
Bluetooth	5.0 (optional)
User Authentication	RFID card, APP (optional), Credit Card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J, OCPP 2.0.1
Protocol (EVSE&EV)	Control pilot
Environmental	
Operating Temperature	-30°C to 50°C
Storage Temperature	-40°C to 85°C
Humidity	5% to 95% no condensation
Altitude	≤3000m above sea level
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m or 7.5m (optional)
Dimensions (WxHxD)	208*420*150 mm
Weight	Approx. 5kg
Installation	Wall mounting, Pole mounting (Pole is optional)
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, RED 2014/53/EU, IEC 62955 (RCD), IEC 61008 (RCD)
Certification	CE-RED, CB, UKCA, EV ready

Arc MID 22kW



Main Features

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- Equipped with independent MID meter.



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General Information	
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Grid Type	TN-S, TN-C-S, TT, IT(L1+L2 230Vac Single phase, optional)
Charging Interface	1 × IEC 62196-2 Type 2 socket (Case B)
Metering	MID meter
Internal RCD	30mA AC+ 6mA DC(Internal chip integration)
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Grounding fault, Integrated surge protection
User Interface	
Status Indication	LED indicator
Bluetooth	5.0 (optional)
User Authentication	RFID card, APP (optional), Credit Card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
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Arc Pro 22kW



Main Features

- Excellent industrial design brings pleasant user experience.
- Connect to any backend supporting both OCPP 1.6J & 2.0.1 protocols.
- Could connect to StarCharge Peak Controller (optional accessories) via Ethernet to realize local dynamic load management.
- Equipped with 4.3-inch LCD , display charging information.
- Equipped with independent MID meter.



Specifications

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Charging Interface	1 × IEC 62196-2 Type 2 socket (Case B)
Metering	MID meter
Internal RCD	30mA AC+ 6mA DC (Internal chip integration)
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Grounding fault, Integrated surge protection
User Interface	
Display & Support Languages	4.3-inch LCD display
Status Indication	LED indicator
Bluetooth	5.0 (optional)
User Authentication	RFID card, APP (optional), Credit Card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J, OCPP 2.0.1
Protocol (EVSE&EV)	Control pilot
Environmental	
Operating Temperature	-30°C to 50°C
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