

# Technical Specifications



<b>AC Input Connection</b>	Single Port	Dual Port (with Smart Pedestal)
Power systems	3-wire (L1, L2, Earth)No neutral	5-wire (L1, L1, L2, L2, Earth)
Input voltage	208V / 204Vac	208V / 204Vac
Input frequency	60Hz	60Hz

<b>AC Output connection</b>	
Type of connector	1 * 5.5m / 7m SAE J1772 & NACS (with cable management)
Output design power	9.6kW (40A) / 12kW (50A) / 19.2kW (80A)

<b>Technical Characteristics</b>	
Status indication	7-inch LCD with brightness auto adjusted (LED version optional)
Authentication methods	NFC Card, APP,Credit card(optional)
NFC Reader	ISO/IEC 14443 TypeA/B, ISO/IEC 18092, IEC/ISO 15693
Internet/networking	4G, Ethernet, Wifi, Bluetooth
Protocol (EVSE & Backend)	OCPP 1.6J (Support OTA to OCPP 2.0.1)
SIM card	Nano SIM
Load and Phase balance	Support load and phase balance locally
Ground Fault Detection	20 mA CCID with auto retry
Open Safety Ground Detection	Continuously monitors presence of safety ground connection
Plug-Out Detection	Power terminated per SAE J1772TM specifications
Energy meter	Meter accuracy 1%, Accuracy class 2.0,Acceptance tolerance 1.0%
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Over temperature, Integrated Surge Protection
Material	Polycarbonate, UV resistant and flame retardant
Operating temperature	-30°C to +50°C
Storage temperature	-40°C to 85°C
Operating humidity	5% to 95% no condensation
Operating altitude	≤2000m
Degree of protection (casing)	Type 3R per UL 50E
IK	IK10 (HMI IK08)
Dimensions(H*W*D)	373*210*116 mm
Mounting options	Wall or Post mounting(accessory)

<b>Certification and Standards</b>	
Safety and compliance	UL and cUL listed; Complies with UL 2594, UL 2231-1, UL 2231-2, and NEC Article 625; Energy Star; CTEP