

IRON 120/180

120kW / 180kW DC EV Charger

Fast Charging for Smart Space Management

Scenarios



Parking



Commercial
Vehical



Charging
Station

IRON 120



IRON 180



Specifications

Type		Split type
Input		3-Phase 380 VAC±10% (3P+N+PE) 50/60Hz
Output		200~800 VDC Single charger 120kW (Max.) / Single charger 180kW(Max.)
User Interface & Control		Touch LCD Panel
User Authentication		OCPP 1.6J / RFID / QR Code (optional)
Network Connection		Ethernet / Cellular(optional)
Ingress Protection		IP55
Mechanical	W x D x H	1100mm x 900mm x 1930mm (Cabinet) 500mm x 230mm x 1650mm (Terminal)
	Weight	530kg(Cabinet) 、 80kg(Terminal)
Protection		Overvoltage / Undervoltage / Overcurrent / Overtemperature / Surge Protection / Residual Current Protection / Ground Fault Protection
Regulation Compliance		CNS 15511-1 、 CNS 15511-21-2 、 CNS 15511-23 、 CNS 15511-24 、 Electric Vehicle Power Supply Equipment Safety Testing Standards (Safety Level 1) 、 IEC 61851-1 、 IEC61851-23 、 IEC61851-21-2
Charging Time		10-30 min



NO. 30100136

01

Modular Design for Optimized Space Usage

Slim terminal + separate power cabinet for wall-mounted or corner installation—ideal for high-density parking and commercial sites.

02

Fast Charging in 10-30 Minutes

Engineered for rapid charging at scale—perfect for fleet depots, logistics hubs, and commercial EV stations.

03

Smart Power Saving × Patented Technology

Equipped with a patented Interactive Charging Management System to reduce contracted power demand and cut electricity costs.

04

10" Touchscreen for Intuitive Operation

Clear, user-friendly UI for easy interaction—improves user experience and reduces support needs.

05

Remote Management × Smart Connectivity

OCPP & OTA supported for real-time monitoring, system integration, and low-maintenance operations.

