

DC Integrated EV Charger

SmartDC
30~40kW

SmartDC 30~40kW integrated charger is an integrated EV charger providing 30~40kW DC output with two connectors.

Space-Saving Design: Mounts directly on a wall or pole, eliminating the need for dedicated ground space.

Maximize Parking Capacity: Unlike bulky traditional chargers, the sleek form factor preserves and expands available parking spots.

Ideal for Commercial Lots: Boosts the number of accessible spaces and improves overall parking utilization across large facilities.

Perfect for Residential Use: Compact enough for home garages or apartment complexes, delivering fast DC charging without compromising space.

Seamless Integration: Designed to blend into modern parking environments while offering robust performance



Technical Specifications

SmartDC 30kW		SmartDC 40kW	
ELECTRICAL SPECIFICATION			
Power Supply	3P+N+PE		
Rated Voltage	380V/400V/415 AC		
Rated Current	47A	62A	
Frequency	50/60Hz		
Output Voltage	200~1000V DC		
Maximum Output Current	100A	133A	
BASIC ATTRIBUTES			
Charge Connector	CCS2	2*CCS2	
Cable Length	5m (Customizable)		
Enclosure	Galvanized Steel		
Installation	Wall / Pole Installation		
INTERACTIVE INTERFACE			
LED Indicator	Green/Yellow/Red		
LCD Display	TFT Color Touch Display 7"		
RFID Reader	Mifare ISO/IEC 14443A		
Start Mode	Plug&Play/App/RFID Card		
COMMUNICATION			
Wi-Fi	Optional		
Ethernet	Yes		
4G	Optional		
OCPP	OCPP1.6Json (OCPP2.0 Upgradable)		
SAFETY			
RCD	Type A		
Emergency Stop	Yes		
Ingress Protection	IP54		
Impact Protection	IK08		
Electrical Protection	Over Current Protection, Residual Current Protection, Short Cir cuit Protection, Surge Protection, Over/Under Voltage Protection, Over/Under Fre quency Protection, Over/Under Temperature Protection		
Certification	CE		
Warranty	2 Years		
WORKING ENVIRONMENT			
Cooling Method	Fan Cooling		
Noise	≤65dB		
Operation Temperature	-30°C ~+50°C		
Work Humidity	5%~95%		
Work Altitude	<2000m		
MECHANICAL			
Product Dimension	960x690x300mm (HxWxD)		
Net Weight	150.0kg		
External Package	Wood Case		

Highlights



High power capacity
Power output up to 40kW flexibly distributed to two connectors



Fast charging
100A cable supports charging an EV from 20% to 8% SOC within 60min



Cable management
Cable management device provided making charging process easier and protect the cables



Dynamic load distribution
Power distributed to two connectors controlled by algorithm realizes intelligently EV charging



HMI with good user experience
High resolution large LCD touch screen with audio function



Easy for maintenance
Modular design saves maintenance time and OTA update is available