



App Control
via a iStore app
using Wi-Fi



Dynamic Load Balancing
Efficient management
of household electricity



Advanced Safety
Packed with fault
detection features

Engineered for safety and performance, the iStore EV charger features advanced capabilities including dynamic load balancing, PEN fault detection, emergency stop switch, and over-temperature sensors, ensuring reliable and safe charging. Our EV Charger is compatible with all Electric Vehicles.

Technical Specifications

IS-EVC-7400-1PH
IS-EVC-22000-3PH

Model	IS-EVC-7400-1PH	IS-EVC-22000-3PH
General Specification		
Maximum Power	7.4KW	22KW
Input voltage/Output voltage	230V AC 1-Phase	400V AC 3-Phase
Input frequency	50Hz/60Hz	
Tethered/Socket	Tethered	
Meter	Metering Chip	
Display	LED Lights	
Frequency	50Hz/60Hz	
Rate Charging Current	6-32A	
Cable Length	7m	
Standby Power Consumption	2W	
Operating Temperature	-25°C ~ 55°C	
Storage temperature	-40°C ~ 85°C	
Operating Humidity	5%-95%	
IP Protection	IP65(Socket IP55)	
Safety Protection	Leakage Protection, Over Current Protection, Ground Protection, Over Voltage Protection, UnderVoltage Protection, Contactor Adhesion Protection, Neutral and Live Wire Reverse ConnectionProtection, Over Temperature Protection, CP Signal Abnormal Protection, Lightning Protection	
Operating Altitude	≤2000m	
Charger Dimension	380mm*169mm*151mm(H*W*D) With junction box: 380mm*169mm*201mm(H*W*D)	
Gross Weight	7KG	
Leakage Detection	TYPE A+DC6mA leakage sensor built-in	
Solar Charge Mode	6-32A solar charge can be enabled with active internet connection to iStore portal & site also has iStore inverter & smart meter online	
WI-FI		
Operating Frequency Range	2412-2484MHz	
Wi-Fi Protocols	IEEE 802.11 b/g/n	
Channels	14	
TX Power	18.5~20.45Bm	
TX bandwidth	20MHz/40MHz	
Modulation type	OFDM & DSSS	
Transmitting Duty Cycle	10%	
BlueTooth BLE		
Sensitivity @30.8% PER	-93dbm	
Co-channel C/I	+10dbm	
RF Power Control Range	-12~9dbm	