

## Functions Explain

EV Charger Selection Guide



### Smart APP

- The EV charger can be controlled by smart APP via WIFI or bluetooth connection;
- One to one binding EV charger by reset the password, prevent the EV charger being stolen;
- View charging data and status;
- Set up various charging configurations, charging current,DLB mode,etc.
- Scheduled charging;
- View historical charging records;
- Setting monthly maximum charging values;
- Firmware update;

## Specifications

EV Charger Selection Guide



### Electrical

Charging Capacity	1.3kW – 7.4kW / 4.1kW – 22kW
Charge Mode	Mode 3 (IEC 61851-1)
Output Power	Selectable 1-phase or 3-phase, 230-400V 6A -32A, 50-60Hz
Connector Options	Fixed cable type 2 plug or type 2 Socket
Fixed Cable Length	6m (18 ft)
Cable Entry	Rear or bottom

### Protection and certification

Build-in RCD	TYPE A + DC6mA leakage sensor built-in
With Cable	IP65, IK07
Socket	IP55, IK07
Housing Fire Ratings	V0
Operating Temperature	-25~+55°C
Compliance	IEC61851-1,IEC61851-21-2,IEC61000-4 CE EMC EU/2014.CE Low Voltage EU/2014/35
Certificate	CE, UKCA, RCM

### Connectivity

Authorization	Auto-start standard / RFID card option
Status Indication	LED ring
WLAN Communication	Wi-Fi/ Bluetooth 4.2 option

### Mechanical

Housing	Polycarbonate
Dimension	W169 x H380 x D151 mm
Mounting	Wall or Pole

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### WIFI

Operating Frequency Range	2412 - 2484MHz
WI-FI Protocols	IEEE 802.11 b/g/n
Channels	13
TX Power	<20dbm
EIRP	0.459
TX bandwidth	20MHz/40MHz
Modulation type	OFDM & DSSS
Transmitting Duty Cycle	10%

### BlueTooth BLE

Sensitivity @30.8% PER	-93 dbm
Co-channel C/I	+10db
RF Power Control Range	-12 ~ 9dbm

### NFC

Modulation Type	ASK
Operating Frequency	13.56MHz
H-field strength	21.31 dBuA/m@3m distance
Antenna Type	Coil Antenna



### ● 3-Phase Smart Version

Categorization	Smart Version
Maximum Power	22kW
Input Voltage /Output voltage	AC400 3-Phase
Input Frequency	50/60Hz
Meter	Metering Chip
Display	LED Lights
RFID	<input checked="" type="checkbox"/>
DLB	<input type="checkbox"/>
Wi-Fi	<input checked="" type="checkbox"/>
APP	<input checked="" type="checkbox"/>
Bluetooth	<input checked="" type="checkbox"/>
Over Voltage &Under Voltage Protection	<input checked="" type="checkbox"/>
Emergency Stop	<input checked="" type="checkbox"/>
Over Current Protection	<input checked="" type="checkbox"/>
CP Signal Short Circuit Protection	<input checked="" type="checkbox"/>
Over Temperature Protection	<input checked="" type="checkbox"/>
Lightning Protection	<input checked="" type="checkbox"/>
Contact Adhesion Protection	<input checked="" type="checkbox"/>
Protection Degree	IP65
Environment Temperature	-25°C~+55°C
Maximum Altitude	< 2000m

: Standard    : Optional    : Without