

Intelligent EV Pedestal Charger 22kw AC ICSW22BP



The ICSW22BP is suitable for workplace and destination charging.

22kW fast AC charging.

Up to 90 miles charging range per hour.

Three phase 400VAC.

No earth rod required (on TN-C-S PME system).

3G/4G sim, ethernet and WiFi ready.

Built in current detection 30mA AC and 6mA DC.

RFID authentication.

7" LCD display.

Full OCPP 1.6J profiles.

Automatic minor fault recovery. Manual reset is required on RCD & PME Trip.

All in one solution.

iCS2.0 smart charging software compatible.

iCS2.0Lite included for smart phone configuration and app control.

OLEV workplace scheme approved. 3 years warranty.



Commercial



No Earth Rod



22KW



Smartphone
App



iCS2.0



Warranty
3 Years



Connect with iCS

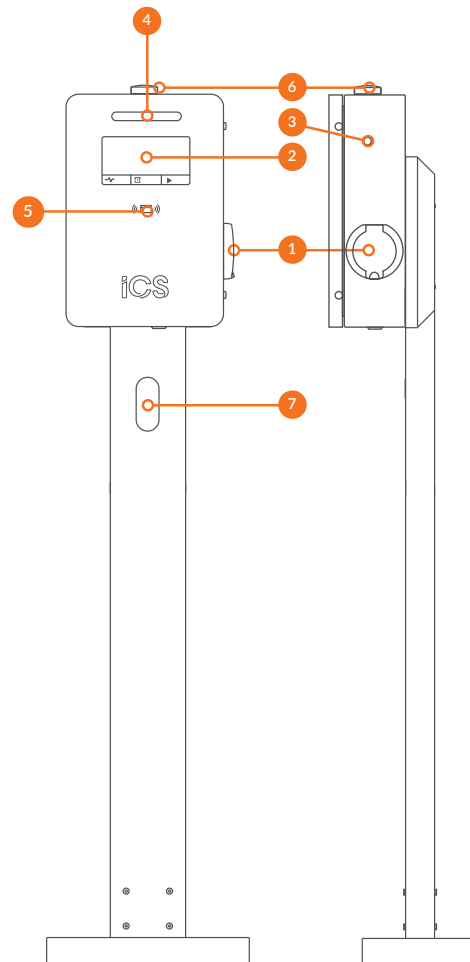
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Intelligent EV Pedestal Charger 22kw AC ICSW22BP



Specification	
Power Input	
Input Rating	400VAC + - 20%, 32A.
Frequency	50/60Hz
Standby Power	<5w
Power Output	
Output Rating	Three phase 22KW, 32A
Protection	
Over Current protection	Power output is terminated upon detection of over current 10%
Internal Residual Current Detection	30mA AC & 6mA DC Type B RCCB
Output Protection	Power output is terminated upon detection of charging connector plug-out
Electrical Protection	Over current, short circuit, over voltage, under voltage, ground fault, lightning surge, over temperature protection
Energy Meter	MID & CE Certified meter
Current Detection	
PME	PME earth fault monitoring compliant with BS7671 regulation 722.411.4.1 method (iii)
Function & User Interface	
Display	7" LCD display
Status Indicators	LED Indication, Standby (slow flashing green), charging (fast flashing green), fault (slow flashing red), warning (fast flashing red)
User Authentication	RFID reader (ISO/IEC 156963 and 14443)
Buttons/Switches	Configurable physical button
Network Interface	Ethernet, 2.4G WiFi, 4G smart internet connection, hot spot mode
Charging protocol	Mode 3
Environment	
Operating temperature	-22°F to +122°F (-30°C to +50°C)
Humidity	95% relative humidity, non-condensing
Ingress Protection	IP54

Specification	
Mechanical	
Charging Interface	Type 2 socket
Mounting Type	Wall or post (post supplied separately)
Dimension (W x H x D)	400 x 270 x 130 mm
Net Weight	12.5kg
Regulation & Certification	
Certificate	CE
OCPP	Full OCPP 1.6J support
Accessories	
RFID Card	ICS2.0UC
EV Signage	ICSEVS1, ICSEVS2, ICSEVS3
EV Charging Cables	ICSL5T 22kw 5m Type 2 to Type 2



No	Item
1	Charging Socket
2	LCD Display Screen
3	Configurable Button
4	LED Indication
5	RFID Reader
6	Communication Antenna
7	Cable Exit Hole



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