

Intelligent EV Twin Pedestal Charger 2x 22kw AC ICSW22CPT



The ICSW22CPT is suitable for workplace and destination charging.

Twin 22kW fast AC charging for 2 Vehicles.

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.

OLEV workplace scheme approved. 3 years warranty.

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

Fully segregated connectors with individual RCD, MCB, surge protection & MID certified meters.



Workplace



Destination



No Earth Rod



22KW



Smartphone
App



iCS2.0



Warranty
3 Years

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Office
for Zero
Emission
Vehicles



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Specification	
Power Input	
Input Rating	2 x 400VAC + 20%, 32A (Two isolated incoming supply cables required)
Frequency	50/60Hz
Standby Power	<5w
Power Output	
Output Rating	2 x Three phase 22kw, 32A
Protection	
Over Current protection	50A MCB plus configurable software protection where output is terminated upon over current of the given maximum Amps
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 per connector
Network Interface	Ethernet, 2.4G WiFi, 4G smart internet connection, hot spot mode
Charging protocol	Mode 3

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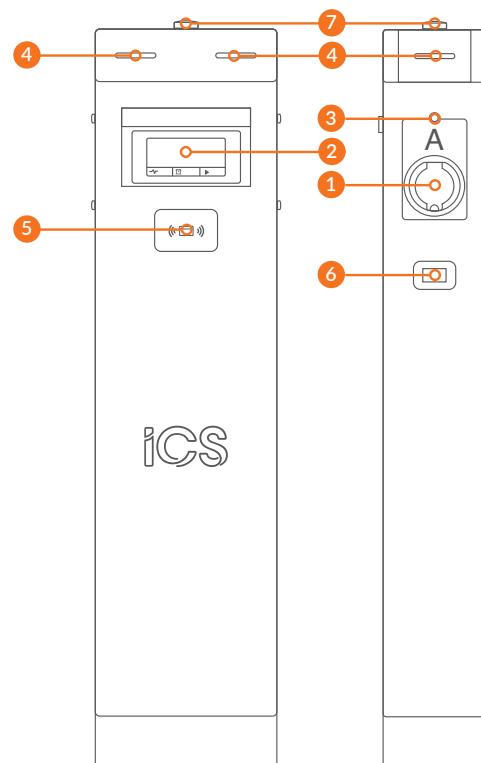
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Email: info@intelligentchargingsystems.co.uk

www.intelligentchargingsystems.co.uk

iCS_ICSW22CPT_Data_Sheet_REV01

Specification	
Environment	
Operating temperature	-30°C to 50°C
Humidity	5% - 95% without condensation
Ingress Protection	IP55
Mechanical	
Charging Interface	2 x Type 2 socket (IEC 62196)
Mounting Type	Floor
Dimension (W x H x D)	1440 x 350 x 200 mm
Net Weight	35kg
Regulation & Certification	
Certificate	CE, IEC61851-1
OCPP	Full OCPP 1.6J support
Accessories	
RFID Card	ICS2.0UC
Floor Mount Post	N/A
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	Meter Window
7	Communication Antenna