

Workplace, destination and residential EV Charging

Smart, Future Proof, Quick install, Reliable, Scalable, Safe, All in one solution, No hidden extras



ICSW22

AC fast charging station 22kW 32 amp

Three phase

Smart, all in one, future proof

Upto 90 miles range per hour

OLEV workplace and home scheme approved

3G/4G sim ready

No need for earth rod on TN-C-S (PME) system

iCS software compatible

2 years warranty (3 years as part of an OLEV approved installation)



ICSW7B

AC fast charger 7kW 32 amp

Single phase

Smart, strong, all in one

Upto 30 miles range per hour

OLEV workplace and home scheme approved

3G/4G sim ready

No need for earth rod on TN-C-S (PME) earth system

iCS software compatible

2 years warranty (3 years as part of an OLEV approved installation)



ICSH7

AC fast charger 7kW 32 amp

Single phase

Upto 30 miles range per hour

Plug in and charge

Mode 3 - Suitable for all EVs and PHEVs

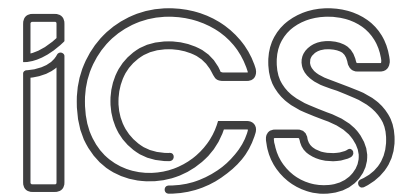
Type 2 socket

2 years warranty

Specifications

	ICSW22	ICSW7B	ICSH7
Power	Three Phase	Single Phase	Single Phase
Input/Output Rating	400 Vac, 32A (Maximum) 50Hz	230 Vac, 32A (Maximum) 50Hz	230 Vac, 32A (Maximum) 50Hz
Wiring	L1, L2, L3, N and PE Hardwired with terminal block	L, N and PE hardwired with terminal block	L, N and PE hardwired with terminal block
Standby Power	<2.6 W	< 6.5 W	< 6.5 W
Maximum Output Power	22kW	7. kW	32A 7kW
Selectable Power	6, 8, 10, 13, 16, 20, 25, 32 Amp	6, 8, 10, 13, 16, 20, 25, 32 Amp	10, 16, 20, 25, 32 Amp
Charging Connection	IEC 62196-2 Type 2 Socket	IEC 62196-2 Type 2 Socket	IEC 62196-2 Type 2 Socket
Protection			
Internal RCD / RCCB	AC 30mA, DC 6mA  Over current, under voltage, over voltage, over temperature, surge protection, short circuit, Ground fault - earth fault sensing device - can be connected directly to a TN-C-S (PME) earthing system without an earth rod	AC 30mA, DC 6mA  Over current, under voltage, over voltage, over temperature, surge protection, short circuit, ground fault - Earth fault sensing device - can be connected directly to a TN-C-S (PME) earthing system without an earth rod, Plug Out Protection	Type B RCCB (AC 30mA, DC 6mA)
Cold-Load Pickup	Randomised delay before charge resumes after power failure	Randomised delay before charge resumes after power failure	N/A
Automatic Recovery	Automatically resumes charging after a minor fault, No user intervention required	Automatically resumes charging after a minor fault, No user intervention required	N/A
Environment			
Operating Temperature	minus 30° to 50°	minus 30° to 50°	minus 40° to 45°
Storage Temperature	minus 40° to 80°	minus 40° to 80°	minus 40° to 45°
Humidity	< 95 % relative humidity, non condensing	< 95 % relative humidity, non condensing	Non condensing
Altitude	Upto 4,000M	Upto 2,000M	Upto 2,000M
Mechanical			
IP Rating	IP55	IP55	IP55
Enclosure Protection	IK08	IK08	IK08
Cooling	Natural Cooling	Natural Cooling	Natural Cooling
Dimensions (W x H x D) mm	218 x 371 x 167	363 x 318 x 136	199 x 326 x 132
Weight (KG)	3.8	3.7	2.65
Regulations			
Certificate / Compliance	CE, IEC 61851-1, IEC 62196-2	CE, IEC 61851-1, IEC 62196-2	CE, IEC 61851-1, IEC 62196-2
OLEV EVHS Home Scheme approved	Yes	Yes	No
OLEV WCS Workplace Charging Scheme approved	Yes	Yes	No
User Interface and Authentication			
LED Display	Power, Charging Status, Fault	Power, Charging Status, Fault	Power, Charging Status, Fault
User Authentication	ISO/IEC 14443 RFID Card Reader, ISO 15118 Plug and Charge	RFID	N/A
Communication			
Method	3G/4G, Ethernet and Bluetooth	3G and Ethernet	N/A
Communication Protocol	OCPP 1.6J, upgradeable to OCPP 2.0	OCPP 1.5 and 1.6	N/A
Metering	Meter IC	Meter MCU	N/A
Installation	Wall Mounted / Floor Mounted Pedestal (optional)	Wall Mounted / Floor Mounted Pedestal (optional)	Wall Mounted / Floor Mounted Pedestal (optional)

www.intelligentchargingsystems.co.uk



intelligent charging systems

Launch Document





## Welcome to iCS

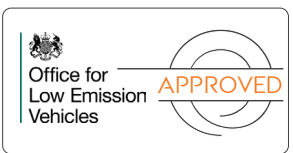
iCS (Intelligent Charging Systems) provide complete 'all in one', smart and long term OLEV approved EV charging solutions.

We offer reliable, scalable and futureproof solutions for the workplace, destination and residential EV charging.

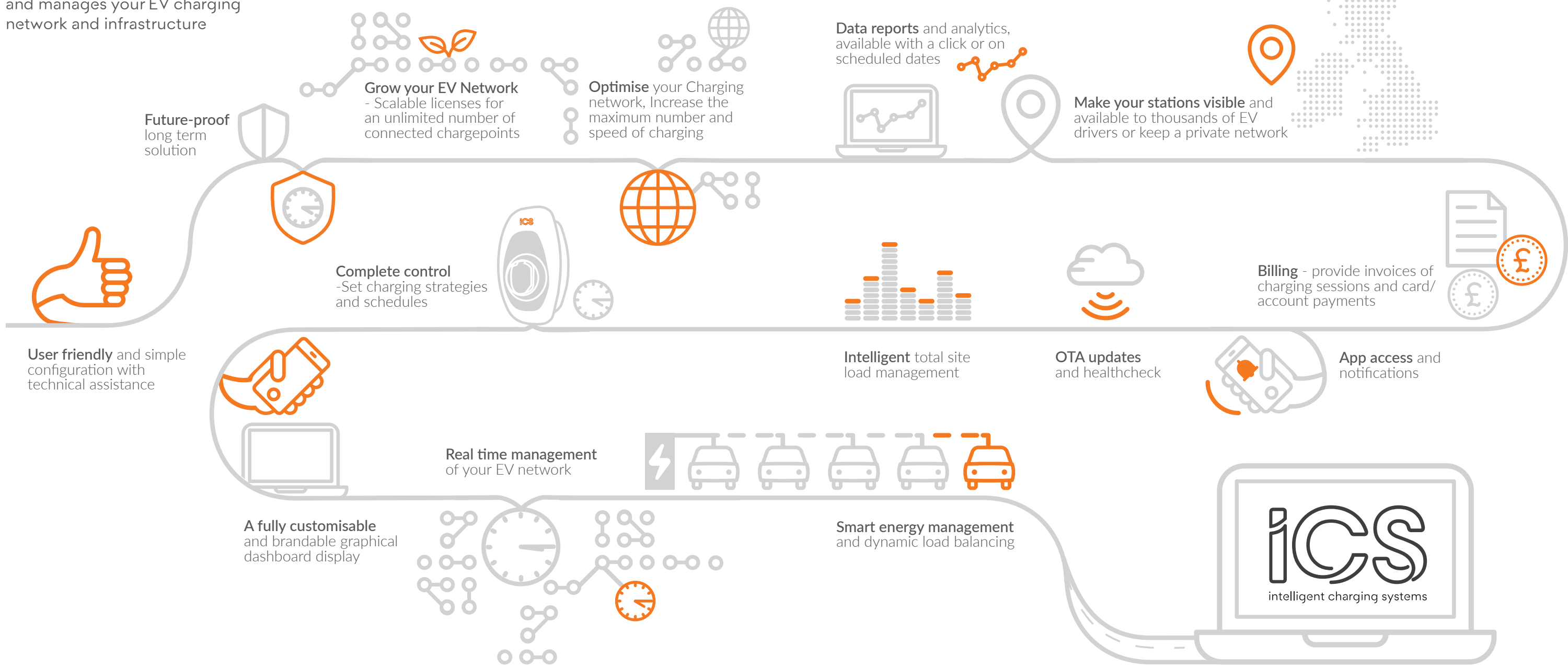
With our market leading OCPP software management system we provide a truly intelligent, interoperable and functional EV charging system.

iCS also offer a home EV charging range that is safe, reliable and smart which are compatible with all EVs and PHEVs on the market. iCS offer high quality, safe and durable EV cables with premium carry cases along with other accessories including EV simulators, and floor mounted posts.

Cars are parked for 95% of the time at home or work, whilst shopping or at other various lifestyle venues. Instead of driving out of your way to find a place to charge, you can easily charge where you park with iCS EV Charging.



Our Best-in-class OCPP software intelligently controls and manages your EV charging network and infrastructure



New catalogue coming soon