



Palazzoli
GROUP



ELECTRIC VEHICLE CHARGING POINTS AC & DC Versions

Charge forward to Sustainable Mobility



< AVAILABLE IN 2024

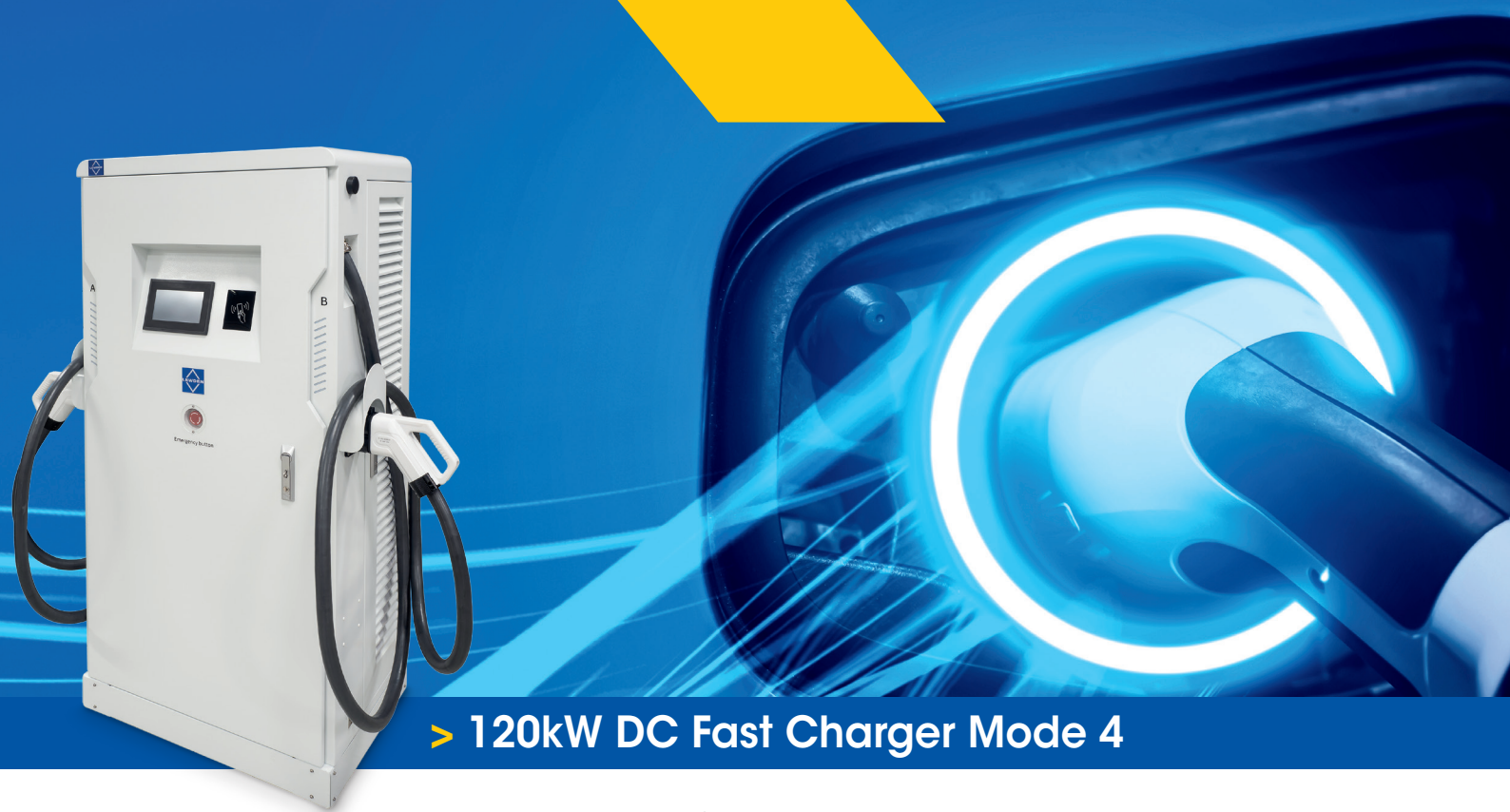
> Twin Pedestal Charger 22kW 3ph AC Mode 3

Convenient Pay as You Go charging for Workplace, Street, Commercial or Shopping Areas.

Main Features

- Allows independent simultaneous charging of up to two electric vehicles.
- Unattended Easy to use Cashless **Tap to Pay** functionality - No account required.
- **2x** User friendly **4.7"** touch screens.
- **Untethered IEC62196-2 type 2 socket** outlets offer full flexibility for electric vehicles with charging adapters.
- **Designed for reliability.** Even if one charging gun encounters an issue, the other remains fully operational.
- **4G** communications enhances connectivity.
- **Separate MID meter for each socket**, ensuring precise tracking of energy usage for each vehicle.
- Robust **IP65** Free standing pedestal.

Specification	AC Output Type	2x Type 2 Socket
	Output Power	22KW
	Input Voltage	400V ($\pm 10\%$) - 3 Phase
	Rated Frequency	50Hz/60Hz
	Max Output Current	63A
	Residual Current Protection	30mA AC Type A + 6mA DC
	Safety Protection	Earth Leakage, Over & Under voltage, PEN Fault protection, Overload, Over-temperature, Anti tamper-switch
User Interface	Standards	BS EN IEC 61851-1
	User Interface	RFID/APP/4.7" Touch Screen
	Communication Protocol	OCPP 1.6J
	Communication Method	Wi-Fi LAN (RJ45) + 4G
Dimensions	(HxWxD) mm	1600x600x240 mm



> 120kW DC Fast Charger Mode 4

Essential charging for high mileage / long distance driving and large vehicle fleets. Ideally suited for public parking facilities, motorway service stations, and dedicated charging hubs.



Main Features

- Allows independent **simultaneous charging** of up to two electric vehicles.
- **Dual tethered CCS2 outlets.**
- **Intelligent Power Adjustment** feature helps dynamically optimise power allocation.
- **Scalable output** power for future proofing by adding more power modules.
- **7" touch screen** with user friendly interface.
- Exceptional **accuracy**, ensuring that the voltage, current, and ripple coefficients stay within 1% tolerance.
- **Low noise operation < 65dB.**
- **Power modules are independent.** Even if one Power module encounters an issue, the others remain operational.
- **Built-in diagnostic tools** enable real-time monitoring of the charger's performance, helping to identify and resolve any issues promptly.

Specification	DC-Connection Standard	CCS2
	Output Power	120KW
	Output Voltage	200~1000VDC
	Maximum DC Output Current	200A
	THDI In All Operating Points	≤5%
	Power Factor	≥0.99 (Half Load Above)
	AC Input Voltage	400V (±10%) – 3 Phase
	AC Input Current	300A
	Rated Frequency	50-60Hz
	Efficiency	≥95.2%
	RCD Protection	Type A
	Standards	IEC 61851/DIN 70121; IEC 62196; ISO 15118
	User Authentication	RFID/NFC (Credit)/APP
	User Interface	7" Colour Touch Display
User Interface	Communication Protocol	OCPP 1.6J
	Communication Method	Wi-Fi, RJ45 Ethernet, (4G or LAN)
	Cooling Method	Fan Cooling
	Operating Noise Level	≤65dB
Dimensions	(HxWxD) mm	1700x800x550 mm



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> 7.4kW 1ph AC Mode 3 Smart Charger

Particularly suitable for home installations, as well as workplaces, communal parking garages, and EV dealer or maintenance workshops.

Main Features

- 32A 230VAC IEC62196-2 Type 2 Tethered or Un-tethered socket outlet options.
- Illuminated indicator provides a clear display of charging status.
- Integrated PEN fault and type A 6mA DC residual current protection.
- Wi-Fi, Bluetooth & LAN (RJ45) connectivity.
- RFID access control.
- OCPP 1.6J communications protocol.
- Fully compliant to the Electric Vehicle Smart charging regulations 2021.
- Compatible with solar PV installations.



Specification

AC Output Type	Tethered/Untethered (Type 2)
Output Power	7.4KW
Input Voltage	230V (±10%) - 1 Phase
Rated Frequency	50Hz/60Hz
Max Output Current	32A
Standby Power Consumption	4W
Supply Cable Entry	Rear or Bottom, Size M25
Residual Current Protection	30mA AC Type A + 6mA DC

Safety Protection Earth Leakage, Over & Under voltage, PEN Fault protection, Overload, Over-temperature, Anti tamper-switch

User Interface

Standards	BS EN IEC 61851-1, Smart Charging Regulations 2021
User Interface	RFID/APP
Communication Protocol	OCPP 1.6J

Communication Method WI-FI 802.11b/g/n 2.4 GHz + LAN (RJ45) + Bluetooth (for installer configuration purpose)

Dimensions

(HxWxD) mm	370x210x170 mm
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