



BPE Electric Vehicle Charger Amstel 22kW Twin



Main Benefits

- » Adjustable up to 2 x 32A (22kW) of charging
- » External PEN Fault Detection (Optional)
- » 2 x Type 2 Socket
- » RFID, App Controlled or Auto-Start Features
- » 2 x MID Certified Meters
- » Compatible with Solar PV charging
- » Integrated 30mA AC Type A RCD and 6mA DC protection
- » OCPP 1.6j
- » Comes with 2 covers as standard in Grey and Matte Black

Dynamic Load Balancing

Dynamic Load Balancing regulates the charging power to harmonise with other household loads to avoid current overloading the main breaker. This is achieved by reducing the current draw of the EV charger so the system operates smoothly below the property's limit. This optimises home power usage and avoids tripping the breaker which would cause a power outage.

Specification		Amstel 22kW Twin
Power Input	Input Rating	400Vac± 10% Three-Phase
	Wiring	L1+L2+L3+N+PE
	Frequency	50/60Hz
Power Output	Output Power	2 x 22kW max
	Output Current	Adjustable from 6A/8A/10A/12A/16A/20A/25A/32A
	Charging Interface	IEC 62196-2 Type 2 tethered or socket only
User Interface & Control	Status Indicators	RGB LED and LCD Screen
	Isolator Switch	External Integrated Isolator Switch
	Card Reader	ISO/IEC 14443 A/B Mifare RFID reader
Communication	Network Interface	Wi-Fi, 4G and Ethernet
Operating Features	Operating Modes	Normal, Solar Photovoltaic, Mains Hybrid, Full Speed Mode
	Dynamic Load Balancing	External adjustable DLB function up to 999A
Environmental	Operating Temperature	-25°C to 55°C
	Storage Temperature	-40°C to 70°C
	Humidity	0%-95% no condensation
	Altitude	<3000m
Mechanical	Ingress Protection	IP55
	Cooling	Passive cooling
	Dimension (WxHxD)	140 x 390 x 205mm
	Weight	12kg
	Wiring Options	Rear and Bottom entry
	Installation	Wall-mounted, Pole-mounted
Regulation	Certifications	CE, UKCA, IEC 61851-21-2018, EN IEC 61851-1:2019
Warranty	Warranty	3 Years

