

# Fastcharge Wall Mounted Electric Vehicle Charging Units

Intelligent Dual Outlet



Designed for high activity commercial and public locations, these stylish and unobtrusive charging units are quick and cost-effective to install and easy to use.

- Fitted with two 'Type 2' sockets for fast-charging two vehicles at once (single socket option also available).
- Choose from 3.6kW and 7.3kW (single phase) or 11kW and 22kW (three phase) charging rate per socket.
- Fully charge in as little as 3 hours for most cars.
- Intelligent units offer users charging sessions controlled via RFID card or mobile app access. They communicate to our back-office server via GPRS or ethernet, enabling access to data usage.
- Free access to **chargevision**, our advanced online usage monitoring and reporting system.
- Option to use with third party back-office systems using OCPP.
- Reliability you can trust, thanks to precision engineering, rigorous testing and quality controls.
- Can be part of our **polar** public charging network of over 5,000 points across the UK. See [polar-network.com](http://polar-network.com) for further information about our charging network.

#### The BP Chargemaster difference

We're the UK's biggest name in electric vehicle charging, trusted by thousands of owners, businesses and councils, with over 50,000 customers across the UK and Europe.

We make the future of electric motoring possible with a range of products for business, commercial and public use. All of our charging points are developed and manufactured in the UK and carefully designed to match your needs.

#### Comprehensive three year warranty

Included as standard on all our products to give you the confidence and peace of mind you need.

#### Complete maintenance and service package options

You have the freedom to choose what's right for you, ensuring you always receive the very highest levels of service and support.



## Fastcharge Wall Mounted Charging Range (Intelligent Dual Outlet)

Charging Unit Model	W3 3.6kW Single Phase	W7 7.4kW Single Phase	W11 11kW Three Phase	W22 22kW Three Phase
AC Charging Output	2 x 3.6kW (2 x 16A) @ 230v	2 x 7.36kW (2 x 32A) @ 230v	2 x 11kW (2 x 16A/phase) @ 400v between phases; 230v phase to neutral	2 x 22kW (2 x 32A/phase) @ 400v between phases; 230v phase to neutral
Input Voltage	230v AC		400v AC between phases	
Input Current	64A Split load configuration with separate connections for 2 x 32A		64A per phase Split load configuration with separate connections for 2 x 32A per phase	
Over Current Protection	2 x 40A MCBs curve D		2 x 3 phase 40A MCBs curve D	
Outlet EV Sockets	2 x Type 2 (EN62196)			
Safety Protection (RCD)	2 x 30mA Type B RCDs			
Environmental Protection	IP54 (EN60529:1992 + A2:2013)			
RFID Access Tag Standard	ISO / IEC 14443A			
Control	'Mode 3' SELV DC & PWM control signalling, conforming to ISO/IEC 61851-1 Annex B, validated by Mercedes, BMW, Nissan, Renault, Mitsubishi, Toyota, Kia, PSA, Jaguar Land Rover, VW, Tesla, Smart, Ford, Volvo			
Wireless Communications	GPRS Cellular Data Network Radio Equipment Directive			
Ethernet Communications	Ethernet connection (replacing wireless) available at no extra cost; please specify at time of ordering			
Network Communications Protocol	TCP/IP 2 way communication with secure central server			
Network Security	HTTPS, 128 bit encryption			
Min Operating Temperature Range	-20°C to +55°C (LCD Display remains fully operational at -20°C but may have a slower response below 0°C)			
Operating Humidity	To 95% RH Non-condensing			
EMC Compliance	EN 61000-6-3:2007, EN 61000-6-2:2005			
Safety Compliance	Low Voltage Directive (LVD) 2006/95/EC, EN 60950-1:2006 + A12, EN 60950-22:2006			
EV Charging Compliance	EN 61851-1:2001, EN 61851-21:2002, EN 61851-22:2002, IEC 62196-1,			
ZE READY	ZE 1.2 ready, which must be specified at time of ordering			
OCPP	OCPP 1.5 compliant where option requested			
Pay As You Go Service	See the additional service description document			
Warranty	Comprehensive three years' parts and labour warranty included as standard			
Dimensions (H x W x D)	400mm by 640mm by 235mm			
Colour Options	White (RAL9010) as standard; black (RAL9005) available at no extra cost			



All BP Chargemaster products are designed and manufactured in the UK.

Call: +44 (0)1582 399 413  
 Email: [sales@bpchargemaster.com](mailto:sales@bpchargemaster.com)  
 Visit: [www.bpchargemaster.com](http://www.bpchargemaster.com)

BP Chargemaster  
 500 Capability Green, Luton, LU1 3LS, United Kingdom

# Fastcharge Wall Mounted Electric Vehicle Charging Units

Non-communicating Dual Outlet



Designed for high activity commercial and public locations, these stylish and unobtrusive charging units are quick and cost-effective to install and easy to use. Perfect when there's suitable wall space available.

- Fitted with two 'Type 2' sockets for fast-charging two vehicles at once (single socket option also available).
- Choose from 3.6kW and 7.3kW (single phase) or 11kW and 22kW (three phase) charging rate per socket.
- User access and charging managed through either switch or key.
- Universal charging for most types of Electric Vehicles.
- Fully charge in as little as 3 hours for most electric vehicles.
- Reliability you can trust, thanks to precision engineering, rigorous testing and quality controls.

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## Fastcharge Wall Mounted Charging Range (Intelligent Dual Outlet)

Charging Unit Model	WNC3 3.6kW Single Phase	WNC7 7.4kW Single Phase	WNC11 11kW Three Phase	WNC22 22kW Three Phase
AC Charging Output	2 x 3.6kW (2 x 16A) @ 230v	2 x 7.36kW (2 x 32A) @ 230v	2 x 11kW (2 x 16A/phase) @ 400v between phases; 230v phase to neutral	2 x 22kW (2 x 32A/phase) @ 400v between phases; 230v phase to neutral
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Input Current	64A Split load configuration with separate connections for 2 x 32A		64A per phase Split load configuration with separate connections for 2 x 32A per phase	
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Outlet EV Sockets	2 x Type 2 (EN62196)			
Safety Protection (RCD)	2 x 30mA Type B RCDs			
Environmental Protection	IP54 (EN60529:1992 + A2:2013)			
RFID Access Tag Standard	N/A			
Control	'Mode 3' SELV DC & PWM control signalling, conforming to ISO/IEC 61851-1 Annex B, validated by Mercedes, BMW, Nissan, Renault, Mitsubishi, Toyota, Kia, PSA, Jaguar Land Rover, VW, Tesla, Smart, Ford, Volvo			
Wireless Communications	N/A			
Ethernet Communications	N/A			
Network Communications Protocol	N/A			
Network Security	N/A			
Min Operating Temperature Range	-20°C to +55°C (LCD Display remains fully operational at -20°C but may have a slower response below 0°C)			
Operating Humidity	To 95% RH Non-condensing			
EMC Compliance	EN 61000-6-3:2007, EN 61000-6-2:2005			
Safety Compliance	Low Voltage Directive (LVD) 2006/95/EC, EN 60950-1:2006 + A12, EN 60950-22:2006			
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