Fitted with one ‘Type 2’ socket for charging one vehicle at a time.

Choose from 3.6kW & 7kW charging capacity.

Intelligent units offer users charging sessions controlled via RFID card or mobile app access. They communicate to our back-office server via GPRS, enabling access to data usage.

Free access to chargevision, our advanced online usage monitoring and reporting system.

Exclusive access via personalised RFID card for the unit.

Reliability you can trust, thanks to precision engineering, rigorous testing and quality controls.

Smartcharge feature offers dynamic load-limit control via charge point management system, allowing integration with energy provider back offices.

Integrated DC fault current detection.

To find out which charging solution is right for you:
Call: 01582 399 413 • Email: sales@bpchargemaster.com • Visit: www.bpchargemaster.com
**Onecharge Wall Mounted Charging Range** (Intelligent Single Outlet)

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<tbody>
<tr>
<td>O3</td>
<td>3.6kW</td>
<td>230v AC</td>
<td>16A</td>
<td>Type 2 (EN62196)</td>
<td>30A Type B RCD and integrated DC fault current (compliant with BS 7671:2018)</td>
<td>IP54 (EN60529:1992 + A2:2013)</td>
<td>ISO / IEC 14443A</td>
<td>Mode 3’ SELV DC &amp; 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</td>
<td>TCP/IP 2 way communication with secure central server</td>
<td>HTTPS, 128 bit encryption</td>
<td>-20°C to +40°C (LCD Display remains fully operational at -20°C but may have a slower response below 0°C)</td>
<td>95% RH Non-condensing</td>
<td>EN 61000-6-3:2007, EN 61000-6-2:2005</td>
<td>Low Voltage Directive (LVD)2014/35/EU, EN 60950-12006 + A11 + A1, EN 60950-22:2006</td>
<td>EN 61851-12001, EN 61851-21:2002, EN 61851-22:2002, IEC 62196-1, BS 7671:2018 (IEE 18th Edition)</td>
<td>ZE.12 ready, which must be specified at time of ordering</td>
<td>See the additional service description document</td>
<td>Comprehensive three years’ parts and labour warranty included as standard</td>
<td>214mm by 354mm by 120mm</td>
<td>Grey</td>
<td>Server-controlled variable load limit</td>
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<tr>
<td>O7</td>
<td>7kW</td>
<td>230v AC</td>
<td>30A</td>
<td>Type 2 (EN62196)</td>
<td>30A Type B RCD and integrated DC fault current (compliant with BS 7671:2018)</td>
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**Call:** +44 (0)1582 399 413  
**Email:** sales@bpchargemaster.com  
**Visit:** www.bpchargemaster.com  
BP Chargemaster  
500 Capability Green, Luton, LU1 3LS, United Kingdom  

All details within this data sheet are correct at time of publication (January 2019) but may be subject to change at any time without prior notice.

Document Version 002
BP Chargemaster Onecharge Specifications

Tethered Type 1 J1772, Tethered Type 2 or Type 2 socket available in 16A and 30A versions

Size of Housing:
- Max width - 354mm; Max height - 204mm
- Depth - 120mm

IP Rating: P54 EN 60529

Tethered Charging Lead:
- Length - 4.7 meters
- Charging Gun - Type 1: SAE J1772 or Type 2

Socket Version: Type 2

Charging Specification:
- EC 61851 "Mode 3"; Compliance to IEC 62196-2

Charging Output:
- 6A Unit - Max 16A @ 230V
- 30A Unit - Max 30A @ 230V

Upstream Safety Protection:
- Overcurrent Protection:
  - 16A Unit - 20A Curve Cor D MCB
  - 30A Unit - 40A Curve Cor D MCB

Residual Current Protection:
- 30mA RCD Type A; Regulatory Compliance to EN 61009
- 6mA DC fault current detection; Regulatory compliance to BS 7671:2018

User Access:
- Key orientated “on / off” switch. Unit is only live when connection is established between the EV and connector through ‘mode 3’

Operating Temperature Range: -25°C to +40°C

Operating Humidity: To 95% RH non-condensing

Unit Material: Triloy Polycarbonate ABS composite

Communications:
- GPRS connectivity option
- GPRS communications are linked with BP Chargemaster’s software which enables data to be collated and accessed by users.
- Non-Communicating key operated options.
- Smartcharge feature: server-controlled variable load limit

BP Chargemaster
500 Capability Green, Luton, LU1 3LS.
01582 400 331; sales@bpchargemaster.com
Wall mounted single 22kW charger **ONC22**

Wall mounted single type 2 socket three phase output providing up to 22kW charging rates. Suitable for all mode 3 enabled vehicles. These units are managed with a key to start and end the charging session. Ideal for home or business use where pay per use or carbon reports are not required.

- 3 Phase
- Key operated
- Charging Cable Locked to Socket while Charging
- Colour: White
- Charge up to 22kw

<table>
<thead>
<tr>
<th>Outlet Sockets</th>
<th>1 x EV Socket, Type 2, (EN62196)</th>
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<tbody>
<tr>
<td>Input Voltage</td>
<td>400v 3-Phase</td>
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<tr>
<td>Input Current</td>
<td>32A per Phase</td>
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<td>AC Charging Output</td>
<td>22kW 3 Phase</td>
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<td>Safety Protection (RCD)</td>
<td>1 x 30mA Type B RCDs</td>
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<td>Environmental Protection</td>
<td>IP54 (EN60529:1992 + A2:2013-08)</td>
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<td>Control</td>
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<td>Warranty</td>
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