

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

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Tethered Type 1 J1772



Tethered Type 2



Type 2 Socket

