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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: IP54 EN 60529

Tethered Charging Lead:

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

Socket Version: Type 2

Charging Specification:

IEC 61851 "Mode 3" ; Compliance to IEC 62196-2

Charging Output:

16A 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

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 Chargemaster's Chargevision software which enables data to be collated and accessed by users.

Non-Communicating key operated options.

Tethered Type 1 J1772



Tethered Type 2



Type 2 Socket



Wall mounted single 22kW charger H22S2/NC

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



Outlet Sockets	1 x EV Socket, Type 2, (EN62196)
Input Voltage	400v 3-Phase
Input Current	32A per Phase
AC Charging Output	22kW 3 Phase
Safety Protection (RCD)	1 x 30mA Type A RCDs
Environmental Protection	IP54 (EN60529:1992 + A2:2013-08)
Control	'Mode 3' SELV DC & PWM control signaling, Conforming to ISO/IEC 61851-1 Annex B, validated by Nissan, Renault, Ford, BMW, PSA and Mitsubishi
Min Operating Temperature Range	- 20°C to + 40°C
Operating Humidity	To 95% RH Non-condensing
EMC Compliance	EN 61000-6-3:2007, EN 61000-6-2:2005
ESD Compliance	EN 60950
Safety Compliance	EN 61851-1:2001, EN 61851-21:2002, EN 61851-22:2002, IEC 62196-1, Low Voltage Directive (LVD) 2006/95/EC, EN 60950-1:2006 + A12, BS 7671 (IEE 17th Edition)
Warranty	See the Chargemaster standard warranty statement