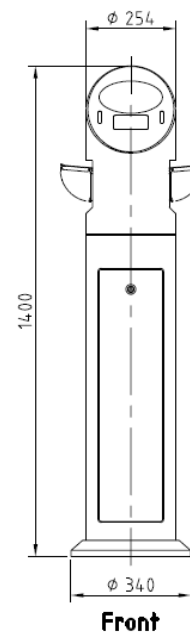


FDF: Floor mounted dual type 2 socket with single phase output per socket providing up to 7.4 kw charging rates. Suitable for all mode 3 enabled electric vehicles. These intelligent units are managed remotely over the GPRS network or via Ethernet access to the internet. Require the Chargevision or OCPP service to operate. Ideal for commercial locations, such as car parks, retail and business parks, hotels and fleet depots. A robust proven design for the Public or Commercial Sector and part of the 6000 plus Chargemaster points already deployed.

- Charging cable locked to socket while charging
- Host selects charging time allowed
- Remote management & diagnostics
- Web access to usage information
- Automatic carbon footprint and management reports
- Option for extended warranty
- Option for bespoke colours & graphics
- Custom configuration with option for OCPP 1.5
- Approved Renault ZE Ready configuration available
- Multiple payment options for Host Scheme, Subscription, Pay by text, PAYG, mobile phone, credit card touch and go plus host revenue share options



Charge Point Model	FDF FLOOR Mounted, intelligent unit with GPRS communication FDFe FLOOR Mounted, intelligent unit with Ethernet communication For ZE ready specification, add ZER to the above, e.g. FDF/ZER Add the standard colour code, BLACK or WHITE to the above, e.g. FDF/ZER/WHITE
Outlet Sockets	2 x EV Socket, Type 2, (EN62196)
Input Voltage	2 x 230v AC
Input Current	1 x 64Amps
AC Charging Output	2 x 7.36kW (2 x 32Amps @ 230v)
Over Current Protection	2 x 32Amp fuses
Safety Protection (RCD)	2 x 30mA earth fault current detection devices
Environmental Protection	IP54 (EN60529:1991 + A2:2001)
RFID Access Tag Standard	ISO / IEC 14443A
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
Wireless Communications	GPRS Cellular Data Network RTT & E Directive
Network Communications Protocol	TCP/IP 2 way communication with secure central server, Full 'handshake' between charging post and server
Network Security	HTTPS, 128 bit encryption
Min Operating Temperature Range	-20°C to +70°C (LCD Display remains fully operational at -20°C but may have a slower response below 0°)
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 62196-1:2003, Low Voltage Directive (LVD) 2006/95/EC, EN 60950-1:2006 + A11, BS 7671 (IEE 17 th Edition)
ZE READY	ZE 1.2 ready
OCPP	OCPP 1.5 compliant where option requested
Pay As You Go Service	See the additional service description document
Warranty	See the Chargemaster standard warranty statement