

Charging **Nine To Five**

Our charge points are designed for ease of installation and simple operation. The charge points are ideal for business use and enable employees to benefit from the convenience of work based charging.

Mallatite charge points are post mounted with the option of single or twin units depending on your requirements. The post is manufactured from mild steel featuring a flush access door for electrical connection below the unit. Wall mounting options are also available.

The units can be supplied to feature a brand name, logo or any design that may be required. Charge points are compact, self-contained units made from durable, weather-resistant solid stainless steel and they are low maintenance. Metering is located inside the charging unit, and the software can be reset and updated via remote control. 'Smart' model security is provided by key fob to enable charging and a connector lock with the type 2 socket version. The unit features optional usage reporting, for business users. Due to their simple design, units can be replaced in less than 10 minutes.

All our columns and posts can be made bespoke to your requirements, to make sure your EV Smart charging columns make a visual impact. We can also offer additional column protection units should you wish to safeguard your charge points from accidental vehicle collision.

Up to 7kw charging capacity
IP65
IK10
Compliant to BS7671:2018

Simple operation - plug 'n' charge
OLEV approved
Grant available subject to criteria

Attractive - Compact design
Clear LED indicators
Strong stainless steel construction



Call Us To Find Out More

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EV Smart Charging Technology

Smart enabled fast charge - up to 32A.
Minimise harmful emissions and reduce running costs.
Simple, plug 'n' charge or fob operated versions, safe and reliable.
British designed and manufactured - OLEV Approved.
Durable stainless steel construction.

SMART CHARGING

www.mallatite.co.uk

The door entry can be customised to incorporate company/organisation branding.



ELECTRICAL

Charge Current Rating Min 6A - Max 32A, Single phase
Charge Power Rating Min 1380W – Max 7360W
Supply Voltage 230VAC +10% -6% (216V – 253V)
Required Supply Rating 8A to 40A

EV CONNECTOR

Type 2 Socket Connector EN 62196-2 Type 2 socket with cover flap, 'Smart' & 'e' models
Lock 'Smart' model Locking socket
Can be used with any standard Type 1/2 to Type 2 cable - car universal

CHARGE MODE

Charge Mode 3 fully compliant
CHARGE POWER CONTROL
Maximum Charge Current Up to 32A 'Smart' model selectable to supply 16A or 32A

USER CONTROLS

Display 1 or 3 Bright Tri-colour LED display indicators
Displayed Information
SYSTEM Ready/Busy/Fault (depending on model)
APPROVAL Authorised/Pending
CHARGE Charging/Charged/EV Fault
Start / Stop 'U' model Optional via RFID fob

USER AUTHORISATION

Local 'U' model Optional via RFID fob

SAFETY FEATURES

EV supply disconnected until EV properly connected
RCD 'Smart' model Output protected by built-in Type A 30mA RCD
Charge Current Limiter - Charge current automatically limited to connected cable size (Cable size validation).
Cable Fault Detection - EV Cable automatically checked for faults
EVSE Fault Monitor - Auto fault monitoring of contactor operation, supply, output and charge point internal operation
EV Fault Monitoring - EV communication fault monitor
Charge Current Monitor EV charging current automatically monitored for under/over current conditions.
EV Supply disconnected for over current faults

MOUNTING OPTIONS

Wall Mounting option
Post mounting option offering a range of mounts to accommodate a number of standard post diameters and profiles.
Cable Entry Rear or bottom supply for standard 20mm cable gland

ENVIRONMENTAL

Enclosure Size 300mm H x 140mm W x 85mm D - Weight 3-4Kg
Environmental Protection Outdoor rated, protection to IP65
Vandal Resistance IK10
Operating Temperature -20oC to 55oC
Operating Humidity 10% to 100%



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SMART CHARGING

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