



EO Basic

A basic slow and fast charging station designed for homes, workplaces and destinations. Just plug in and instantly start a charge.



Installation & Warranty

- Unique wall plate connector for quick deployment and future upgrade

Flexibility

- Three connector options: Universal socket // Type 1 tethered // Type 2 tethered
- Power Ratings: Single Phase up to 7.2kW // Three phase up to 22kW
- Wall or post mounted with eoPost



Type 1 Tethered
Option



Type 2 Tethered
Option



EO Post



EO Basic Charging Station

| MODEL ORDER CODE | EG009 | EG010 | EO003 | EO004 |
|---|--|--|--|--|
| Description | EO Basic 16A 1-Phase Charger Standard Socket | EO Basic 32A 1-Phase Charger Standard Socket | EO Basic 16A 3-Phase Charger Standard Socket | EO Basic 32A 3-Phase Charger Standard Socket |
| ELECTRICAL DATA | | | | |
| Rated Power | 3.6kW | 7.2kW | 11kW | 22kW |
| Charging Current | 6A to 16A (variable) | 6A to 32A (variable) | 6A to 16A (variable) | 6A to 32A (variable) |
| Rated Current | 16A max. | 32A max. | 16A max. | 32A max. |
| Nominal Supply | 230VAC 50Hz | | 400VAC 50Hz | |
| Supply Connections | L1, N, PE | 2.5 - 10mm ² | L1, L2, L3, N, PE | 2.5 - 10mm ² |
| Over Current Protection | 20A Supply | 40A Supply | 20A Supply | 40A Supply |
| Earth Leakage Protection | A dedicated 30mA Type A RCD must be used on the supply circuit. Integral DC leakage detection – no Type B RCD required | | | |
| Standby Power Consumption | ~3W | | | |
| Status Indication | 3 colour EO logo LED indicator (green, blue, red) | | | |
| Charging Mode | Mode 3 (IEC 61851-1 / SAE J1772 compliant communication protocol) | | | |
| Socket | IEC 62196 Type 2, IP54 hinged lid, non-locking | | | |
| Supply Cable Entry | Ø20mm or Ø25mm hole drilled at site into wall plate connector. | | | |
| MECHANICAL DATA | | | | |
| Dimensions (H x W x D) | 360mm x 165mm x 155mm | | | |
| Unit Weight (socket/tethered) | <3kg / <5kg | | | |
| Mounting Location | Wall or Post Mounted using wall plate, Indoor or Outdoor (permanent mounting). | | | |
| Ambient Temperature | -25°C to +50°C | | | |
| Operating Humidity | 5 to 95% | | | |
| Enclosure | PC / ABS UV stabilised (UL94 HB Fire Rated) | | | |
| Protection (Enclosure / Socket) | IP66 / IP54 | | | |
| Standard Finish | Natural White (RAL9016) | | | |
| COMPLIANCE | | | | |
| CE Marked, EMC Directive 2014/30/EU, IEC 61851-1, IEC 61851-22, IEC 62196-2 | | | | |
| OPTIONS | | | | |
| Tethered Type 1 plug connector, 5m cable | add "-T1" to order code | | | |
| Tethered Type 2 plug connector, 5m cable | add "-T2" to order code | | | |
| Other | Key lock option available upon request (can be fitted to standard socket units only to prevent charging a car when switched to off position). For post mounting refer to EO Post datasheet. Mennekes branded, locking pin socket available upon request. | | | |

In no event will EO Charging accept any liability for any loss, costs or damage consequential on the use and/or misuse of our hardware or software products except and only to the extent that this is caused by our negligence.

Warranty terms can be found at www.eocharging.com/s/EO-Warranty.pdf

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