



smartEV
c h a r g e r s

TECHNICAL DATASHEET

EO MINI PRO 2

CONTACT INFORMATION

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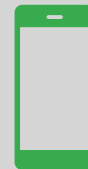
3 YEAR
WARRANTY



SOLAR
COMPATIBLE



SMALL
PHYSICAL SIZE



FREE
MONITORING APP



7KW MAX
OUTPUT

FEATURES

- Worlds Smallest smart charger
- Four Colours available - Black, White, Silver or Blue
- Free Monitoring APP
- Easy to Install
- Solar Matching Functionality
- Integrated Load Management
- Integral DC Leakage Detection - No RCD Required
- Universal Socket or Tethered

TECHNICAL SPECIFICATION

ELECTRICAL DATA	
Rated Power	Up to 7.2kW
Charging Current	6A to 32A (variable)
Rated Current	Up to 32A max
Nominal Supply	230VAC 50Hz
Supply Connections	L1, N, PE 2.5 - 10mm ²
Over Current Protection	40A Supply (external MCB)
Earth Leakage Protection	A dedicated 30mA Type A RCD must be used on the supply circuit Integral 6mA DC leakage detection - no Type B RCD required
Standby Power Consumption	<5W
Status Indication	3 colour LED indicator (green, blue, red)
Charging Mode	Mode 3 (IEC 6185)-1 / SAE J1772 compliant communication protocol)
Socket/Tethered	IEC 62196 Type 2, IP54 hinged lid, non-locking Type 1 or Type 2 tethered
Supply Cable Entry	Ø20mm or Ø25mm hole drilled at site through bottom of enclosure
Internet Connection	Home Wifi (2.4GHZ only) or a CAT5 Ethernet cable to Home LAN (Ethernet-USB Adaptor required)
CT Connections	One for output of electricity meter for Load Management One for output of solar array for solar charging

MECHANICAL DATA	
Dimensions (H x W x D)	175mm x 125mm x 125mm
Unit Weight	1.3 kg
Mounting Location	Wall Mounted, Indoor or Outdoor (permanent mounting)
Ambient Temperature	-10°C to +50°C
Operating Humidity	5 to 95%
Enclosure	ABS (UL94 HB Fire Rated), IK08
Protection	IP54
Standard Finish	Glasurit 68 Line Paint

COMPLIANCE
OLEV EVHS Approved CE Marked, EMC Directive 2014/30/EU, IEC 61851-1, IEC 62196-2, EN55032, 61000-3, 61000-4