

ChargeMate 3P22

The AC smart charger developed from the ground up in Australia



Installation & Warranty

ChargeMate is available in a range of configurable models including:

- wall or pedestal mount.
 - integrated 4G modem
 - custom skin options for corporate or OEM's.
- ChargeMate comes with a three year warranty

Features

Connector Option: Universal Type 2 Socket

Power Ratings:

- Single Phase up to 7.4kW or
- Three phase up to 22kW.

Available in Black

IK08 Impact Rating

Description	Model Order Code
ChargeMate 7kW/22kw	CHM3P22kW001

Electrical Data

Rated Power	7.4KW	22KW
Rated Current	Up to 32A maximum	Up to 32A maximum
Rated Supply Voltage	240VAC 50Hz/60Hz	415VAC 50Hz/60Hz
Charging Mode	Mode 3 - Complaint to IEC 61851-1 & SAE J1772 communication protocol	
Poles Description	L1, N, PE	L1, L2, L3, N, PE
Over Current Protection	40A - Single Phase	40A - Three Phase
Earth Leakage Protection	A dedicated 30mA Type A RCD must be used on the supply circuit. Integral 6mA DC leakage detection.	
Access Control System	RFiD (13.56MHz)	
Socket Type	Type 2 IEC - 62169	
Local Signalling	1 x LCD Screen: Status Indication	

Features Data

Communications Interfaces	Ethernet , Wi-Fi 802.11 b/g/n (2.4 GHz band only) , MODBUS - RTU
Control Type	Phone App , Plug & Charge, Cloud Based
Server Communications Protocol	OCPP 1.6J
Operating Mode	Networked or Standalone
Function Available	Smart Charging, Local Dynamic Load Management ^{*4G Modem & Current Transformers Required}
Optional Extras	4G Modem, Solar Link Optimisation
Metering	Integrated Non NMI Meter

Mechanical & Environment Data

Dimensions (H x W x D)	380mm x 180mm x 130mm
Product Weight	3.0 kg
Mounting Location	Wall or Pedestal Mount ^{*Single, Dual or Quad Pedestals available in Standard / Powder Coat Stainless Steel}
Ambient Operation Temperature	-30 - 50°C
Ambient Storage Temperature	-20 - 85°C
Relative Humidity	5 - 95%
Protection (Ingress Protection)	IP54
Protection (Impact Protection)	IK08
Standard Finish	Black

Standards	AS/NZS 4268:2017	AS/NZS 61000.6.3:2012
	AS/NZS 3820	IEC 62196-1
	AS/NZS CISPR 32:2015	IEC 62196-2
	AS/NZS 2722.2:2016	IEC 62955

Product Certifications	IEC 61851-1
	IEC 60529