VIRIDIAN eV
~ CHARGING AHEAD ~

▶ Classic 2.0 charge point

Data Sheet

Type 2 tethered cable

The Classic 2.0 is a rugged and compact charge point engineered to be stronger and longer lasting than others on the market. Its designed primarily for domestic, light-commercial/industrial charging.

It's key is simplicity which retains the core functionality required to charge EVs safely without added complication and cost of networked smart systems. It includes DC leakage protection and PEN Loss detection (1-phase only) , negating the need for earth rods and reducing install costs.

Product Features

IEC 61851-1 Mode 3 fast charger

5m Type 2 Tethered cable

6mA DC integrated protection for DC leakage (RCM)

PEN Loss Detection system—1-phase only

Available for 1-phase or 3-phase systems

16A or 32A configuration (3.7kW to 22kW)

Supports adjustable current up to rated max

Front LED status indicators (READY, CHARGE, FAULT)

Compact and simple to install to a wall or post

Aluminium alloy enclosure suitable for outdoors

Compliances

IEC 61851-1 & -22

IEC 62196

LVD 2014/35/EU

2011/65/EU

EMC Directive 2014/30/EU

CE Compliant

IEC 62955

Other info

Designed, manufactured and tested in the UK

Warranty, Manuals & Drill Template available at www.viridianev.co.uk/resources

IET
BS7671
18th edition

Designed for compliant installations

Part # / Order code	C07-T2C-32A-1P-01	C22-T2C-32A-1P-01
Model / Desc.	7kW 1-phase Type 2 Tethered	22kW 3-phase Type 2 Tethered
Rated output	7.4kW	22kW
Rated current	32A max	32A max
Rated voltage	230V 50Hz	230V 50Hz
Charging current	6A – 32A (configurable)	6A – 32A (configurable)
Overcurrent & residual current	A suitably rated overcurrent and a dedicated 30mA Type A RCD must be installed upstream	
Charging Mode	IEC 61851-1 Mode 3	
Outlet	1 x 5m Type 2 Tethered cable (Compliant to IEC 62196)	
DC Leakage Protection	6mA DC residual current monitor (RCM)	
PEN Loss Detection	PEN Loss Detection system fitted (1-phase only)	
Standby Power Consumption	< 2W	
Load balancing	Simple Load Sharing (SLS*)	
Status Indication	3 Colour panel mount LED and external LED support (12V, common anode)	
Access Control	Key switch to disable/enable	

ELECTRICAL

All variants

Dimensions	W: 167.5 mm, H: 234.5 mm, D: 100 mm
IP Rating	IP54
Enclosure Material	Powder coated aluminium alloy
Unit weight	4.8kg (1-phase) / 5.9kg (3-phase)
User access	Trip reset / isolator via sealed key-lockable access panel
Supply Cable Entry	Bottom 20mm knockout (can be drilled to 25mm)
Colour / finish	White gloss / Dark grey semi-gloss (coming soon)

MECHANICAL

*Simple Load Sharing (SLS)

This feature will allow two SLS enabled charge points to safely & dynamically share one mains supply. When two EVs are plugged in, the SLS system will engage & share the total available power (nominally 50% to each vehicle). When one EV is plugged in or charging then 100% power will be made available to that EV again. It requires additional wiring and set up – see install manual for details.

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