

E-VIA



IP54 (lighting head IP66)
Ingress Protection



IK10
Impact Resistance



17kg Weight



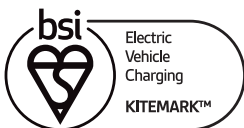
Electrical Class I



-25 to 40°C Ambient



LED Light Source



SPECIFICATION

- ✓ Highly durable extruded aluminium body
- ✓ Built-in professional general area lighting
- ✓ Lighting head with less than 2% upward lighting
- ✓ Dual sockets providing up to 22kW
- ✓ Single and three phase open PEN fault protection
- ✓ Certified MID meter or CT variants available
- ✓ Maximised power capacity - intelligent software ensures the optimum amount of charge to each vehicle
- ✓ Supports static and dynamic load management
- ✓ OCPP 1.6J compliant - can integrate with any back-office
- ✓ Partnership with any OCPP compliant EV software providers
- ✓ Over-the-air firmware/software updates
- ✓ Flexible payment/usage methods - including plug & charge, mobile app or RFID controlled charging
- ✓ OZEV (Office for Zero Emission Vehicles) grant approved
- ✓ Accessibility approved (PAS 1899 compliant)
- ✓ Designed for easy installation and maintenance
- ✓ BSI Kitemark accredited



DIMENSIONS & SPECIFICATIONS

Dimensions	165mm x 1500mm
Charging System	IEC 61851 Mode 3
Power Input	Single phase / three phase, 230V / 400V, 16A / 32A
Power Output	7.4kW or 22kW
Protections	AC 30mA, DC 6mA
Markings	UKCA and BSI Kitemark

DESIGN FEATURES

Integrated RCD Type A	6mA DC fault protection
PEN Fault Detection	Open PEN fault protection on single and three phase

LIGHTING

Wattage	5-19W
LED CCT	PC-Amber*, 2700K, 3000K or 4000K
LED CRI	>70 (*>55)
Lumen Output	Up to 1,100lm
Lumen Maintenance	Projected L85 after 100,000 hours

COMPLIANCE

Standards	LVD 2014/35/EU, EMCD 2014/30/EU, BS EN61851-2019, EN61000-2, EN61000-3, CE certified, BS7671-2018
GDPR	Your privacy and sensitive data is handled with care and in compliance with GDPR

CHARGING FEATURES

Charging Options	Single phase 16A 7.4kW to three phase 32A 22kW options
Metering	CT or certified MID meter variants available
Suitability	Suitable for business and commercial charging
Power Sharing	Connect up to 16 chargers on one grid connection. Available power will be distributed evenly to connected EVs
Load Management	Supports static and dynamic load management when installed with the E-Via Sense box
Solar Charging	Prioritises your power consumption by utilising solar energy when available



CONNECTIVITY

Connectivity	Internet, ethernet, Wi-Fi and 4G - SIM card and data supplied as standard
Commissioning	Full configuration of the charger set up using the EV charging app, with settings stored in the Cloud
Multi-User	Multi charger, multi EV manage access and sessions for all users, chargers and EVs
Secure Authentication	Protect your charger from unauthorised use using the RFID access or use the plug and charge mode for fast and easy access
Configurable Cable Lock	Option to lock the cable into charger

MECHANICAL CHARACTERISTICS

Housing Material	High pressure die cast LM6 aluminium and high quality extruded 6063T6 aluminium
Housing Finish	Chromate free pre-treatment, polyester powder coat, light grey (RAL9006), dark grey (RAL7022), black (RAL9005) or bespoke colours on request
Lens Material	UV stabilised polycarbonate
Ingress Protection Rating	IP54 (lighting head IP66)
Weight	17kg
Impact Resistance Rating	IK10
Mounting Methods	Root, socket or flange

SHIELD OPTIONS

Universal Front/Rear	04GSK71899
Side	04GSK71725



FOR MORE INFORMATION



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www.trtlighting.co.uk