



io7

Brighter Charging

Ratio io7

Innovative dual
charging pillar with
built-in professional,
high performance
lighting.



io7 Charging

The ultimate solution for charging on the go, this versatile charger with an integrated camping socket combines convenience, efficiency, and rugged durability.

Ideal for both home use and outdoor adventures, it's designed to keep your boat and vehicle charged while offering the added functionality of a CEE socket, making it perfect for boat and road trips, campsites, and marinas.



Features

- ✦ **Flexible payment/usage methods** including optional contactless payment, plug & charge, mobile app or RFID controlled charging
- ✦ **Extruded aluminium body** for long life and high durability
- ✦ **16A CEE single phase socket**
- ✦ **Designed for easy of installation and maintenance**
- ✦ **Maximised power capacity** - intelligent software ensures the optimum amount of charge to each vehicle
- ✦ **OZEV (Office for Zero Emission Vehicles) grant approved**
- ✦ **OCPP 1.6 compliant** enables connection to any 3rd party back office system
- ✦ **Over-the-air software updates**
- ✦ **Accessibility approved PAS 1899 compliant**
- ✦ **Designed and manufactured in the UK**
- ✦ **BSi Kitemark accredited**

io7 Lighting

The io7 has a high performance built-in illuminated head for general area lighting. The sophisticated LED optic provides excellent ground illumination and high light uniformity ensuring users are able to correctly and safely connect to the charger. The high performance nature of the illuminated head means that it can be incorporated into the overall exterior lighting solution of the site.

DESIGNED FOR TOUGH ENVIRONMENTS

The lighting unit is sealed to IP66.

Illuminate the boat and camper van

The additional lighting aids location of the charging sockets, and provides illumination when finding the charging cable.

Emergency lighting*

The io7 is available with integral emergency lighting allowing for illumination of walkways in the event of an emergency. Where io7s are placed along emergency routes, the emergency lighting facility will illuminate the way to fire assembly points highlighting any cables or potential trip hazards on the way.

HIGH PERFORMANCE OPTICS

Superior luminaire spacing with high uniformity

DIE-CAST ALUMINIUM HEAD UNIT

Excellent thermal management of LEDs for long 100,000 hour life.

CEE SOCKET

16A socket gives ultimate flexibility for use in camping and marina locations

Wireless controls

The io7 can offer superior lighting controls, emergency status reporting and energy management on the same platform as the building luminaire installation.

DUSK TILL DAWN LIGHTING

The io7 comes with a photocell as standard to switch lighting on and off when required.

EXTRUDED ALUMINIUM BODY

Long life and high durability

HIDDEN OPTICAL COMPARTMENT

Low glare and less than 2% upward light, a requirement for preventing light pollution in many inner city and rural applications.

Technical

All io7 charging pillars have: **Standard Lighting**, **VPN SIM** and **Data** included as standard

Product	Twin/Single	kW	CT/MID	Height	Controls	Standard
io7	T - Twin	74 - 7.4kW	C - CT Clamp	15 - 1.5m	PC - Photocell	ST - Standard

Dimensions & Specifications	
Charging System	IEC 61851 Mode 3
Supply Voltage	Single phase / three phase, 230 / 400V, 16A / 32A
Charging Power	1 x either 7.4kW or 22kW type 2 socket (EV) plus 1 x 16A CEE Socket (camping/marine)
Protections	AC 30mA, DC 6mA
Housing	Polyester powder coated aluminium
Dimensions	Dia. 165mm x 1500mm
Weight	17Kg
Enclosure Rating	IP54 (lighting head IP66)
Operating Temperature	-25c to +40c
Marking	UKCA/CE
O-PEN	PME fault detection on single and three phase versions
Metering	CT clamp or MID meter versions
Standards	BS EN IEC 61851-1:2019 / BS EN IEC 61851-21-2:2021 / BS EN IEC 61000-6-1:2019 / BS EN IEC 61000-6-3:2021 / BS 7671:2018+A2:2022
EV Connections	OCPP1.6J
Internet Connections	Internet, Ethernet, WiFi and 4G





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