

Up to 7.2kW Universal Charging Socket



Model No.
EVON0010
EVON0040



INSTALLATION & USER GUIDE

Thank you for choosing to charge with QUBEV. Inside you will find some useful hints and tips as we want your experience with the QUBEV to be as smooth as possible!

Contents Of Your Package

- 1 x **QUBEV**
- 4 x wall plugs
- 4 x washers
- 4 x fixing screws
- 1 x fixing template
- 1 x Installation & User Guide

Safety

The device has been manufactured in accordance with state-of-the-art recognised safety standards. However, incorrect operation or misuse may result in:

- Injury or death to the operator or third parties
- Damage to the device and other property of the operator
- Inefficient operation of the device

All persons involved in commissioning, maintaining and servicing the device must:

- Be suitably qualified
- Have knowledge of and experience in dealing with electrical installations
- Read and follow these operating instructions carefully
- Always disconnect the device from the supply before removing the cover

The device is not to be used by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the device by a person responsible for their safety.

Failure to install and operate the **QUBEV** in accordance with these instructions may damage the unit and invalidate the manufacturer's warranty.

Disposal

In accordance with European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in national law, used electrical devices must be collected separately and recycled in an environmentally responsible manner. Ensure that you return your used device to your dealer or obtain information regarding a local, authorised collection and disposal system. Failure to comply with this EU Directive may result in a negative impact on the environment.



INSTALLATION

We would advise that the QUBEV be installed by a qualified electrician in accordance with local regulations.

Step-By-Step Guide

1. Remove the QUBEV from the packaging.
2. Cut the fixing template from the packaging.
3. Offer the QUBEV fixing template up onto a flat and smooth surface, ensuring it is level, and mark the 4 fixing holes onto the surface.
4. Drill 4 x marked fixing holes and insert wall plugs.
5. Undo the 4 x front cover fixing screws at each corner of the QUBEV.
6. Cut/drill out the correct sized hole in the bottom or back of the QUBEV for your chosen cable gland.
7. Fit your chosen cable gland in place.

Tip: Please ensure at this point there is no debris inside the QUBEV.

8. Place the QUBEV in-line with the 4 x drilled fixing holes on the surface.
9. Place the washer over the screw. Screw through the back of the QUBEV and into the 4 x wall plugs.

Tip: Ensure this is tightened and level.

10. Ensure the cable is glanded to the QUBEV by the appropriate water resistant method, and connect to the incoming supply terminals (live, neutral and earth).

Tip: Ensure all terminals are tightened, as it is possible the connection may have come loose during transit and/or installation.

11. Ensure you have done all appropriate testing to current regulations.
12. Please now fix the lid of the QUBEV back to the front of the unit and tighten all 4 corner screws to ensure it is watertight.

PLEASE NOTE: The installer should select the appropriate fault and overload protection/RCD/RCBO and earthing configuration in accordance with the IET Code of Practice and local regulations.

13. RCBOs for these units are available at www.evonestop.co.uk/switchgear

14. Once installation is complete, don't forget to **TWEET!**

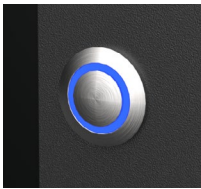


USER GUIDE

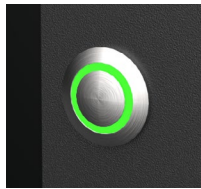
LED Status Indicator Guide

- Blue – Ready to charge
- Green – Charging in progress
- Red – Fault indicated. Switch off power at source for 30 seconds and switch back on to clear fault

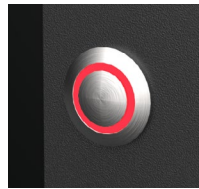
If any of the above faults persist then contact our technical support team at support@evonestop.co.uk or contact your supplier.



Ready



Charging



Fault

Variable Current Rating

- 6amp
- 13amp
- 16amp
- 32amp

TIP: The rotary switch to alternate between amperages can be found on the side of the **QUBEV**, clearly labelled with current ratings – simply switch to the position of choice.



IMPORTANT NOTE: The amperage selector CANNOT be changed when charging is in progress. To select a different amperage you MUST release the cable from the vehicle for 30 seconds to allow the **QUBEV** to register it is NOT in charge mode and return back to BLUE on the status indicator – NOW you can alter the amperage.

Note: Please ensure the current rating does not exceed the supply rating.



Vehicle Charging

- Ensure the LED is illuminated blue
- Insert the cable into the vehicle first and then the QUBEV socket (if a tethered cable, insert the tethered cable into the vehicle)
- LED will go green when charging
- To STOP charging unplug the cable from the vehicle, and then from the QUBEV

Tip: When using any charging point ALWAYS release the cable from the vehicle before the charging point.

To prevent water damage always plug the tethered cable into the remote socket when not charging (only applies to tethered models).



QUBEV Maintenance

- Clean surface regularly with a damp cloth
- Visually inspect the QUBEV for any damage
- Annually electrically inspect and test the QUBEV

Happy charging!

DATA SHEET

QUBEV Charging Unit

Model No.	EVON0010	EVON0040
Description	QUBEV Universal Socket EV Charging Unit	QUBEV Universal Socket EV Charging Unit (DC)
MECHANICAL DATA		
Dimensions	150mm x 200mm x 100mm (W x H x D)	
Unit Weight	1.5kg	
Unit Material	ABS (UL94 HB Fire Rated), IK08	
Unit Colour	Matt Black	
Operating Temperature	-20°C to +50°C	
Protection	IP65 - Enclosure, IP54 - Socket	
ELECTRICAL DATA		
Rated Output	Up to 7.2kW (32A)	
Rated Current	Up to 32A max	
Charging Current	Variable - 6A, 13A, 16A & 32A	
Input Voltage	230V AC/50Hz (Single Phase)	
Incoming Cable Terminals	3 x 16mm terminals	
Overcurrent Protection	Recommended 40A	
AC Earth Leakage Protection	Not included in unit (Type A or Type B RCBO available as an option)	
DC Earth Leakage Protection	Not included in unit (Type A or Type B RCBO available as an option)	Includes built-in 6mA DC sensitive protective device – no Type B RCBO required
Charging Socket	IEC 62196 (Type 2)	
Charge Protocol	Mode 3	
EV Charging Compliance	EN 61851-1:2001, EN 61851-21:2002, EN 61851-22:2002	
Certifications & Compliances	Wiring Regulations - BS 7671	–
	IET EV Regulations, Glow Wire Testing - IEC 60695-2-13 EMC Compliance - EN 61000-6-3:2007, EN 61000-6-2:2005 Safety Compliance - EN 60950-1:2006, EN 60950-22:2006, Low Voltage Directive (LVD) 2014/35/EU CE Certified	
	OPTIONS & ACCESSORIES	
	<ul style="list-style-type: none"> • Key switch control charging • External 30mA Type A RCBO • EV charging cables (Type 1 to Type 2 or Type 2 to Type 2) • Charge point signage 	

WARRANTY

Subject to the provisions described below, this product is protected for one (1) year from the date of purchase against defects in material and workmanship.

Prior to returning any defective product to EV Onestop, the end customer must report the faulty product to EV Onestop by either emailing EV Onestop at support@evonestop.co.uk or calling EV Onestop on +44 (0)1205 725 867. If EV Onestop agrees that the product should be returned, it will issue a Return Authorisation number. This number must be clearly marked on the packaging of the product to be returned. EV Onestop may provide a prepaid label at its discretion, otherwise the customer should return the product at their own cost.

Should the product fail to perform as described within the relevant warranted period as set out above, it will be repaired or replaced with the same or functionally equivalent product by EV Onestop, at its discretion, free of charge provided the end customer: (1) returns the failed product to EV Onestop with shipping charge prepaid, and (2) provides EV Onestop with proof of the original date of purchase. Returned or replacement products will be returned to the end customer with shipping charges prepaid.

Replacement products may be refurbished or contain refurbished materials. If EV Onestop, by its sole determination, is unable to repair or replace the defective product, it will replace or refund the depreciated purchase price of the product.

The warranty does not apply if, in the judgement of EV Onestop, the product fails due to damage from shipment, handling, storage, incorrect installation, accident, inappropriate use or cleaning of the product, relocation of the product after its first installation, abuse, misuse, or if it has been used or maintained in a manner not conforming to product manual instructions, has been modified in any way, or has had any serial number or other identification markings removed or defaced.

Repair by anyone other than a qualified electrician will void this warranty.

All defective products should be returned to EV Onestop with shipping charges prepaid, unless EV Onestop have provided a prepaid label. EV Onestop will not supply prepaid returns labels outside of the UK.

Should an issue be found with your unit EV Onestop will return your repaired/replaced unit free-of-charge to any UK address. Should the return address be outside of the UK return postage will be at EV Onestop's discretion. If the unit is found not to be defective return postage will need to be paid for by the customer.

Nothing in this agreement will affect the end customer's statutory rights, or limit or exclude EV Onestop's liability for (1) death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable); (2) fraud or fraudulent misrepresentation; (3) defective products under the Consumer Protection Act 1987; or (4) any matter in respect of which it would be unlawful for EV Onestop to exclude or restrict liability.

The maximum liability of EV Onestop under this warranty is limited to the purchase price of the product covered by the warranty.

EV Onestop only supply products for resale for domestic, light commercial and private use. EV Onestop accept no liability to the end customer for any loss of profit, loss of business, business interruption, loss of business opportunity or travel time incurred.



EVONESTOP.co.uk

Europe's largest dedicated supplier of electric vehicle cables, charging points and accessories



British by Design
& Manufacture

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