QIKPOST

THE AUSTRALIAN
BUSINESS
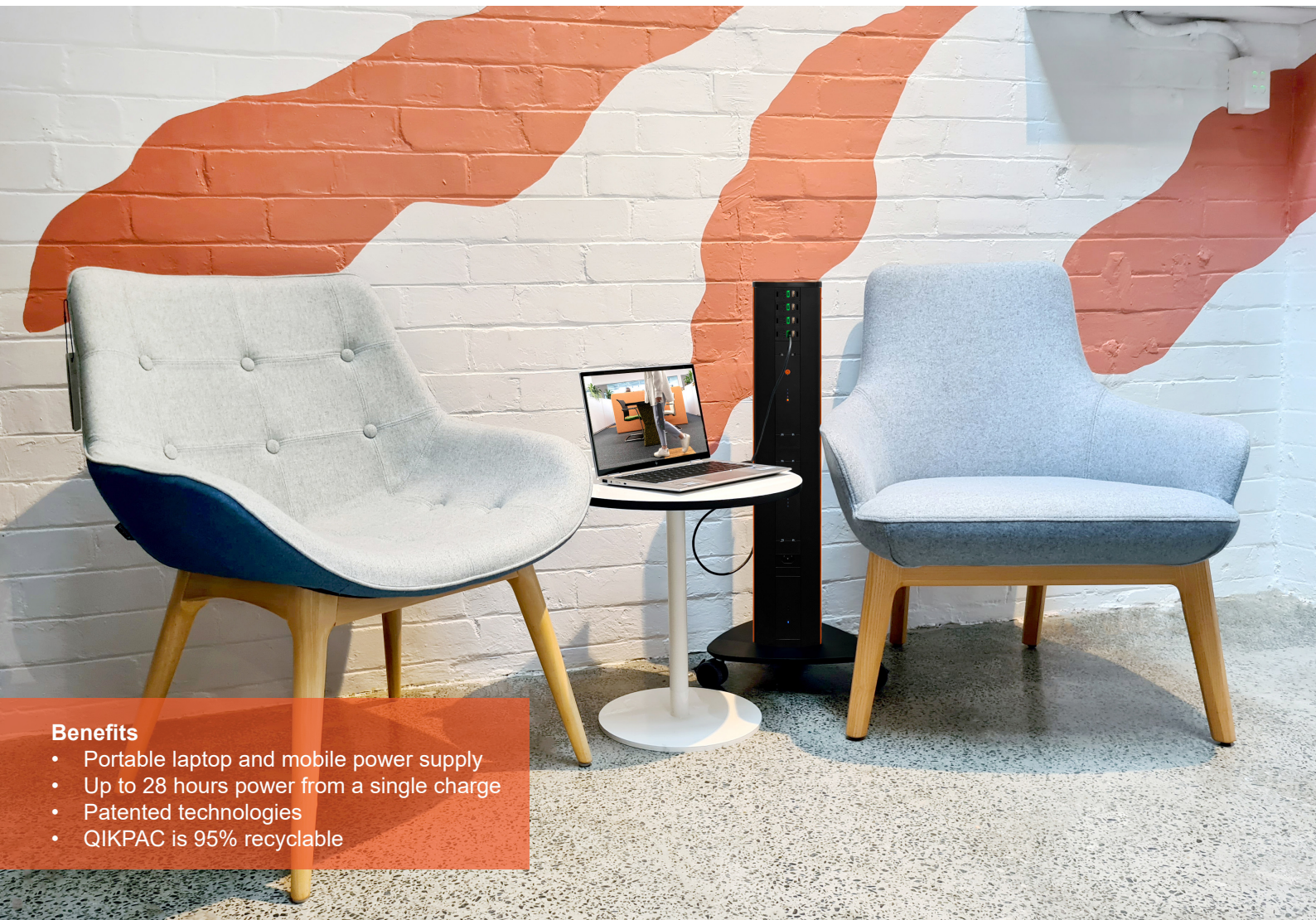AWARDS ®

ABA100
NEW PRODUCT
INNOVATION
WINNER 2022

QIKPOST is a cable-free, agile power supply designed to power laptops and mobile phones without the need for a fixed power supply.

The agility of QIKPOST allows full flexibility and control to move around the workspace while powering multiple devices. QIKPOST is powered by the OE QIKPAC battery designed for the commercial space, providing up to 28 hours of device power from a single charge.

At the power delivery end of QIKPOST is the patented TUF HP USB laptop and mobile charging module. QIKPAC and TUF HP are integral parts of the award winning ANIMATE solution.

TUF HP USB charging modules can be upgraded to keep pace with technology or replaced in the event of end user damage using a simple tool by anyone.

CLICK to see how easy it is to replace TUF HP.

Benefits
- Portable laptop and mobile power supply
- Up to 28 hours power from a single charge
- Patented technologies
- QIKPAC is 95% recyclable

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always innovating

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TECHNICAL SPECIFICATIONS

Battery Capacity	240Wh (Equivalent to 66 780mAh)
Useable Capacity	200Wh
Output Voltage	21.0V to 29.4V
Input Voltage	30.0V (Maximum)
Maximum Output Current Per Port	6A
Total Shared Maximum Output Current	12A
Features	Short Circuit Protection Over Current Protection Under Voltage Protection Battery Overvoltage Protection Unit Over Temperature Protection
Safety Standards	IEC/UL 62368-1 (Safety) IEC/UL 62133-2 (Li-ion Safety) EN/IEC 61000-6-3 & 61000-6-1 (EMC) FCC 15B (USA-EMC) UN38.3 (Shipping)
Weight	1.3kg
Rated Operating Temperature	10 - 35C
Charging Range	5°C to 45°C
Discharging Range	-20°C to 60°C
Storage Temperature	Up to 3 Months: Store between -20°C and 40°C Longer Duration : Between 10°C to 20°C (Ideal) QIKPAC should be stored at 40-60% charge (2 LEDs) in a low humidity environment (less than 70% RH) with no corrosive gases and no condensation on cells and charged yearly to keep them at this level.
Estimated Charge Cycles	1,500 (With 70% capacity remaining, dependent on type of load and use)
Estimated Life Span	5+ years

CE/UKCA Marking
QIKPAC Battery is CE and UKCA marked by OE Electrics as complying with:
- EU Battery Directive 2006/66EC as amended by 2013/56/EU.
- Electromagnetic Compatibility Directive 2014/30/EU.
- ROHS Directive 2011/65EU as amended by 2015/863EU plus the equivalent UK regulations.

PRODUCT TYPE

Configuration
QIKPOST can be configured with:
QIKPAC battery, QF30 PSU and QF05 TUF HP

Construction
Powder coated extruded aluminium leg with coloured PVC trim strips.
Powder coated steel base with rubber feet or optional castors
Machined acrylic top cap

Colours
RAL9005 black extruded leg with RAL9005 black base and optional white or orange trim edging.
QIKFIT modules black or white

Power cord options
QIKPOST may be ordered depending on config either with:
- A hardwired power cord to mains AC plug, or
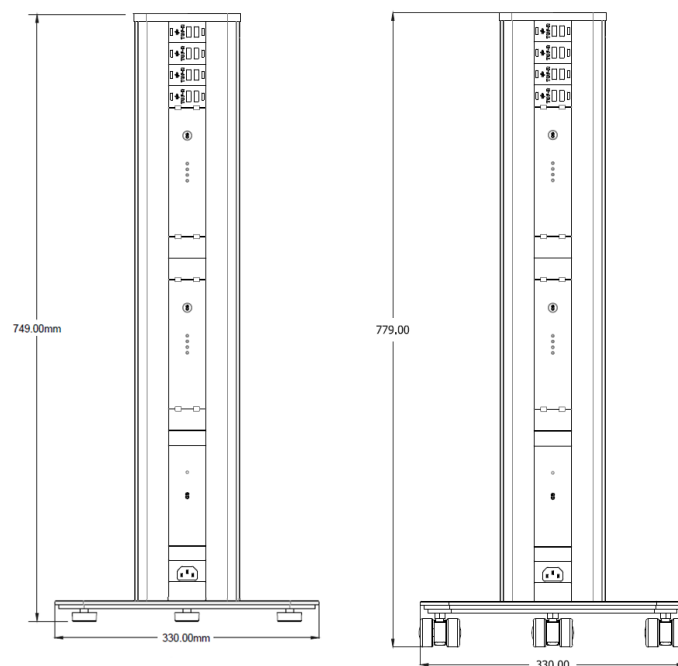- Integrated IEC C14* or GST18 male connectors for attachment of a separate power supply cord.

Recycling
End of life QikPAC batteries are 95% recyclable. QikPAC must be recycled in accordance with prevailing regulations for the recycling of portable li-ion battery packs in the country of use. If unsure, please ask OE Elsafe for a current list of approved recycling collection points.

Quality & Testing
All QIKPOST unit parts are manufactured using ISO9001 quality controlled components and practices and are 100% tested before dispatch.

QIKPOST DIMENSIONS

749.00mm

330.00mm

779.00

330.00

LED FUNCTION	LED Code	Description
Short Button press	● ● ● ● œ	80-100% ON for 5 Seconds after button press
Short Button press	● ● ● ○ œ	60-80% ON for 5 Seconds after button press
Short Button press	● ● ○ ○ œ	40-60% ON for 5 Seconds after button press
Short Button press	● ○ ○ ○ œ	20-40% ON for 5 Seconds after button press
	● ○ ○ ○ œ	0-20% constantly ON without button press
Charger plugged in but Battery FULL	● ● ● ● œ	100% Battery LEDs ON
Charging	☀ ☀ ☀ ☀ œ	80-100% ON FLASHING
Charging	☀ ☀ ☀ ○ œ	60-80% ON FLASHING
Charging	☀ ☀ ○ ○ œ	40-60% ON FLASHING
Charging	☀ ○ ○ ○ œ	20-40% ON FLASHING
Charging	☀ ○ ○ ○ œ	0-20% ON FLASHING

Fault mode	○ ○ ○ ● œ	Over current fault on one of the ports. All outputs will remain disabled until cleared by a short button press.
		Current range allowed from a single port:
		    6.5 - 10A allowed for up to 20 seconds
		    10 - 19A allowed for up to 5 seconds
		Combined current of over 19 Amps will cause QIKPAC to immediately turn off (after 320ms delay)

Fault mode	○ ○ ● ● œ	Maximum or minimum charging temperature limit reached. (Charge: +5 to +45C) QIKPAC will not be charged while in this mode however it can still supply power to connected devices. LEDs indication happens only if a power supply is connected. Fault will be cleared automatically once battery cells are within temperature range.
Fault mode	○ ● ● ● œ	Minimum or maximum discharge temperature limit reached (Discharge: -20 to +60C) QIKPAC will not supply power nor receive charge from the PSU in this mode. Fault will be cleared automatically once battery cells are within temperature range.
Turning On / Start up	● ● ● ○ œ	Press and hold for 5 seconds - 4 Pink LEDs light up from left to right and will turn on in 1 second intervals. All LEDs on indicates a successful startup.
Ship mode / Shut down	○ ● ● ● œ	Press and hold for 5 seconds - 4 Pink LEDs light up then switch off one at a time from right to left
Ship Mode	☀ ○ ○ ○ œ	Short Button Press, one LED lights for 1 second - this confirms the QIKPAC is in ship mode. This is the mode QIKPAC will arrive in, when shipped.
High in-rush current mode		This mode activates automatically on every startup and remains effective for 60 seconds to allow devices with high in-rush current demand to startup.
Button Function	Time Frame	Action / Description
Turn QIKPAC on (from ship mode)	4 Seconds	**Press button (approx. 4 secs):** Until you see LED lighting up in turn, then release button. If all 4 LEDS light up then a successful start-up is indicated. After a few seconds the battery level will then appear.
Battery level status (when QIKPAC is On)	0 - 5 Seconds	**Short Button Press (0-5 secs):** Displays battery level for 5 seconds, as well as clearing any over current fault.
Ship Mode / Shut Down / Power saver	5 - 15 Seconds	**Press & hold then release (5-15 secs):** Activating Ship Mode / Shut Down Suitable for shipping, saving power while not in use or when the product is not going to be used for a long time.