



œelsafe Experts in USB technology

WHAT is TUF-R

TUF-R (**tw**in **usb** **f**ast charging) is a USB A+C or C+C charging module that fits most OE products and is designed for use in commercial spaces.

TUF-R is for **R**eplaceable

TUF-R USB modules are simple to replace without the need to turn off the power or call an electrician. The unique and patented benefit of being replaceable makes TUF-R modules perfect for areas of high traffic, such as public spaces, education, and hospitality, where if damaged, TUF-R can quickly be replaced. Replacing or upgrading TUF-R modules and not the whole product saves

time, resources, and reduces waste. See how easy it is to replace TUF-R USB A+C charging modules [HERE](#)

TUF-R is for **R**eversible

R is for Reversible

TUF-R includes the world's first reversible Type-A port, enabling a first-time connection every time. Connectors can be inserted both ways, cutting down on wear and damage from unsuccessful attempts and extending the life of the module and the product it is fitted into.

Contact us to include TUF-R in your next project.

[Click to see
how easy TUF-R
is to replace.](#)





TUF|PROTECT

Advanced USB Protection

TUF|TALK

IDR Technology

Developed in-house by the OE Electrics Group global research and development teams, TUF-R features Intelligent Device Recognition (IDR).

IDR enables TUF-R to electronically communicate with smartphones, tablets and laptops to deliver the optimum charge at the optimum rate for that device.

TUF is safe and designed for public use with no possible data transfer. TUF meets and

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exceeds all quality and safety standards. TUF-R modules come in a selection of profiles designed to fit most OE Elsafe products, including OE desktop power rails, table boxes, and in-desk power units.









TUF modules can be integrated within commercial furniture or panel-mounted and are capable of charging multiple devices simultaneously.

Contact us to include TUF-R in your next project.



TUF Modules

QUICK REFERENCE








<p>Compatible devices Smartphones / Tablets Small Devices</p>	<p>Compatible devices Laptops (HP) High power Laptops (CC) Smartphones / Tablets / Devices</p>	<p>OE product compatibility 42mm Canister QIKFIT Standalone</p>
 <p>TUF QF15 Tile USB-A+C Ports 30W WH BL</p>		<p>Power Rails: Pace, QikSilva, Table Boxes: Partner, Axxess, AxxessPlus, AxxessPlus Duo, Elite, Ultra, Tardis, Fitted: Qikframe.</p>
	 <p>TUF-HP QF15 Tile USB-A+C Ports 65W WH BL</p>	<p>Power Rails: Pace, QikSilva, Table Boxes: Partner, Axxess, AxxessPlus, AxxessPlus Duo, Elite, Ultra, Tardis, Fitted: Qikframe.</p>
 <p>TUF-R 42mm Canister USB-A+C Ports 25W WH BL GR</p>		<p>Power Rail/ In Desk: PIP, PIP2, PIP3, Pluto, Pandora, Phase, Table Boxes: Peak, Platinum, Prism, Proton, Puma, Petra Fitted: POP</p>
 <p>TUF-R CC 42mm Canister USB-C+C Ports 30W WH BL GR</p>		<p>Power Rail/ In Desk: PIP, PIP2, PIP3, Pluto, Pandora, Phase, Table Boxes: Peak, Platinum, Prism, Proton, Puma, Petra Fitted: POP</p>
	 <p>TUF-R HP 42mm Canister USB-A+C Ports 72W* WH BL GR</p>	<p>Power Rail/ In Desk: PIP, PIP2, PIP3, Pluto, Pandora, Phase, Table Boxes: Peak, Platinum, Prism, Proton, Puma, Petra Fitted: POP</p>
	 <p>TUF-R HP CC 42mm Canister USB-C+C Ports 150W** WH BL GR</p>	<p>Power Rail/ In Desk: PIP, PIP2, PIP3, Pluto, Pandora, Phase, Table Boxes: Peak, Platinum, Prism, Proton, Puma, Petra Fitted: POP</p>
	 <p>TUF-R HP QF5 Tile USB-A+C Ports 72W* WH BL</p>	<p>QIKPAC Carry, PICCOLO Power Rails: Pace, QikSilva, Table Boxes: Partner, Axxess, AxxessPlus, AxxessPlus Duo, Elite, Ultra, Tardis, Fitted: Qikframe.</p>
	 <p>TUF-R HP CC QF5 Tile USB-C+C Ports 150W** WH BL</p>	<p>QIKPAC Carry, PICCOLO Power Rails: Pace, QikSilva, Table Boxes: Partner, Axxess, AxxessPlus, AxxessPlus Duo, Elite, Ultra, Tardis, Fitted: Qikframe.</p>

* Requires a PSU for AC to DC conversion except when used in QIKPAC CARRY.

**150W when powered by QIKPAC or up to the PSU available power capacity.

TUF Modules

QUICK REFERENCE

Compatible devices Smartphones / Tablets Small Devices	Compatible devices Laptops (HP) High power Laptops (CC) Smartphones / Tablets / Devices	OE product compatibility 42mm Canister QIKFIT Standalone / Panel Mount
 <p>QF 2GPOTUF QF45 Tile USB-A+C Ports two GPOs 25W WH BL</p>		<p>Power Rails: Pace, QikSilva, Table Boxes: Partner, Axxess, AxxessPlus, AxxessPlus Duo, Elite, Ultra, Tardis, Fitted: Qikframe, Panel Mount</p>
 <p>PICCOLO Under or top mount USB-A+C Ports 72W* WH BL</p>		<p>Fitted: Piccolo can be under mounted or top mounted.</p>
 <p>PICCOLO Under or top mount USB-C+C Ports 150W** WH BL</p>		<p>Fitted: Piccolo can be under mounted or top mounted.</p>
 <p>PixelTUF USB-A+C Ports plus 1GPO 25W WH BL</p>		<p>Fitted In Surface: PixelTUF fits an Ø80mm cutout Panel Mount in furniture, panels and fixtures</p>
 <p>PixelTUF USB-C+C Ports plus 1GPO 30W WH BL</p>		<p>Fitted In Surface: PixelTUF fits an Ø80mm cutout Panel Mount in furniture, panels and fixtures</p>
 <p>PixelTUF HP USB-A+C Ports plus 1GPO 72W* WH BL</p>		<p>Fitted In Surface: PixelTUF fits an Ø80mm cutout Panel Mount in furniture, panels and fixtures</p>
 <p>PixelTUF HP USB-C+C Ports plus 1GPO 150W** WH BL</p>		<p>Fitted In Surface: PixelTUF fits an Ø80mm cutout Panel Mount in furniture, panels and fixtures</p>

* Requires a PSU for AC to DC conversion except when used in QIKPAC CARRY.

**150W when powered by QIKPAC or up to the PSU available power capacity.

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TUF Modules

APPLICATIONS



TUF QF15 Tile
USB-A+C Ports **30W**



QIKFIT TUF is ideal for lockers, ask us about multiple fitting options.



TUF-HP QF15 Tile
USB-A+C Ports **65W**



TUF-R USB-A+C Ports 25W



TUF-R USB-C+C Ports 30W



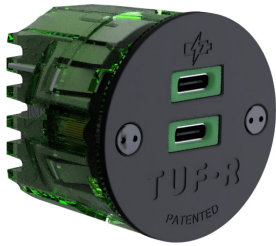
TUF-R A+C and TUF-R C+C fit all OE 42mm canister products.

TUF Modules

APPLICATIONS



TUF-R HP USB-A+C Ports **72W***



TUF-R HP CC USB-C+C Ports
150W**

TUF-R HP A+C and TUF-R HP C+C
fit all OE 42mm canister products.



TUF-R HP USB-A+C Ports **72W***



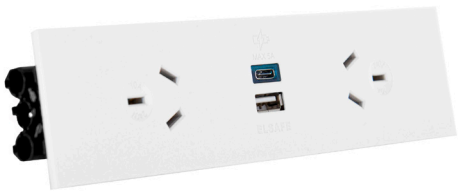
TUF-R HP USB-C+C Ports **150W***



* Requires a PSU for AC to DC conversion except when used in QIKPAC CARRY.
**150W when powered by QIKPAC or up to the PSU available power capacity.

TUF Modules

APPLICATIONS



QF 2GPO TUF 2GPOs, TUF USB-A+C Ports plus **25W**



PICCOLO USB-A+C Ports **72W***



PICCOLO USB-C+C Ports **150W****



PIXELTUF



USB-A+C Ports **25W**



USB-C+C Ports **30W**



USB-A+C Ports **72W***



USB-C+C Ports **150W****



* Requires a PSU for AC to DC conversion except when used in QIKPAC CARRY.
**150W when powered by QIKPAC or up to the PSU available power capacity.

TUF Modules

CASE STUDY | HONG KONG AIRPORT



There are more than 6,700 charging points installed in convenient locations throughout the Hong Kong airport passenger terminals, ensuring passengers can keep their electronic devices charged while travelling.

The charging points come in a mix of AC power sockets and TUF-R USB device charging ports. Integrated power brings the convenience of device charging to the passenger, with most seated areas having power included.

TUF-R replaceable USB charging modules have been used throughout to maximise the investment.

TUF-R is replaceable to maximise the investment.

TUF-R modules are quick and simple to replace by facility managers without the need to turn off the power or call an electrician. The unique and patented benefit of being replaceable makes TUF-R perfect for areas of high traffic, such as public spaces, transport hubs and education, where if damaged, TUF-R can be replaced in less than 5 minutes using a simple tool. Replacing or upgrading the TUF-R module and not the whole product saves time, resources, and reduces waste. [CLICK](#) to see how quick TUF-R is to replace



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TUF Modules

CASE STUDY | HONG KONG AIRPORT



PIP fitted with TUF-R and fitted in soft furniture



TUF-R modules panel mounted in stainless steel plates



PUMA fitted with TUF-R modules integrated within the beam seating



PODIUM fitted with TUF-R modules, installed on side tables



Sockets can be fitted with AC power or TUF-R or both



Panel mount TUF-R modules.

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