

# QF15 TUF HP

The new QF15 TUF HP module incorporates our latest evolution in high power USB charging. With its 65W maximum output QF15 TUF HP can provide up to 60W through the USB Type-C port, for high speed USB PD laptop, phone and tablet charging, whilst still allowing fast charging through the USB Type-A port for older devices.

QF15 TUF HP has an industry standard GST18 male power connector for direct connection to a GST18 Mains AC power cord or attaching to an OE QikFit power socket module. Installing QF15 TUF HP is simple, clip directly into a suitable steel panel cutout or into any of our QikFit range modular mounting frames and enclosures.

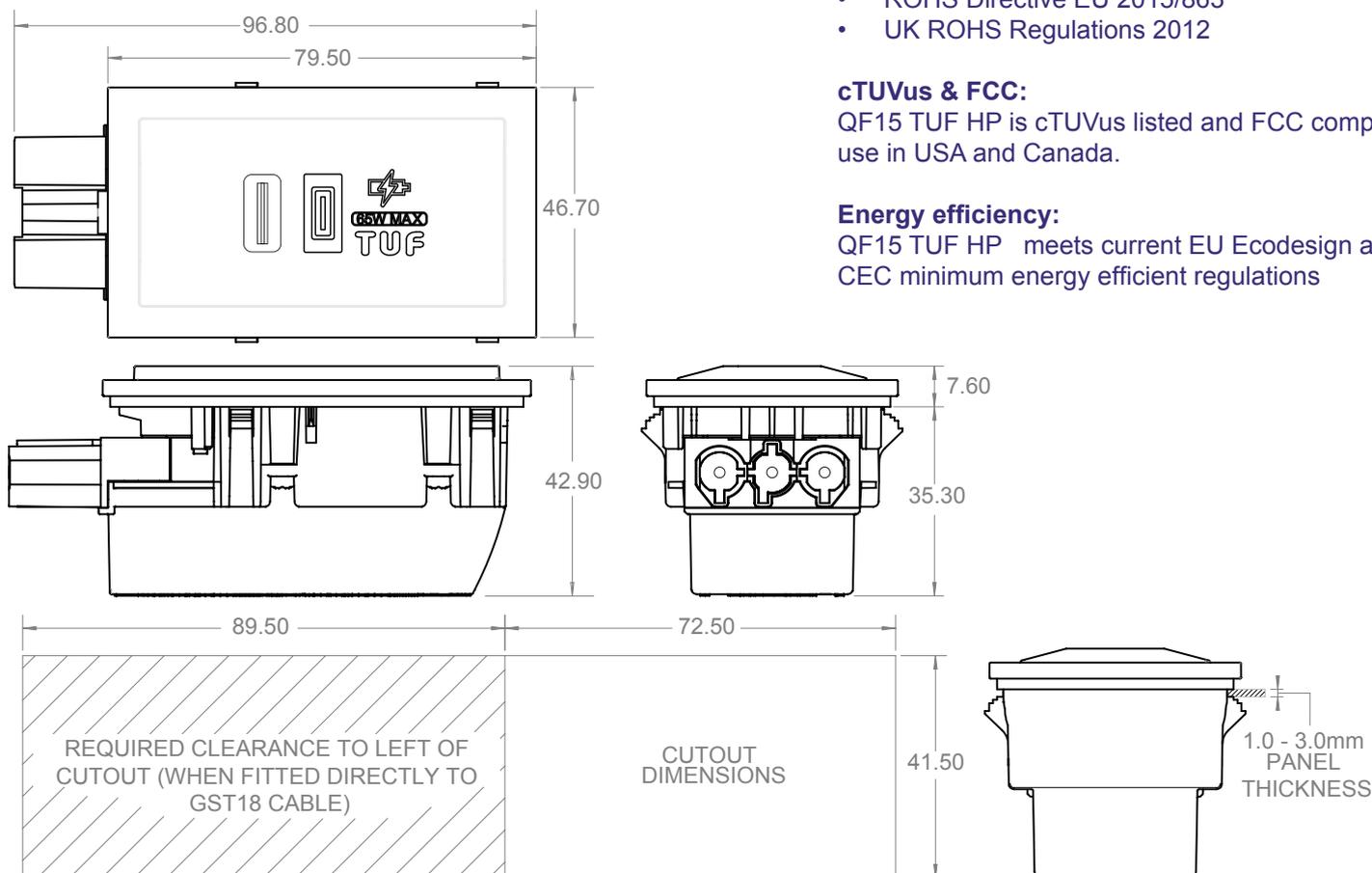


## USPs

- 60W Type C laptop charging
- Unique Reversible Type A connector
- Integral panel mount clips
- International safety and EMC certifications

USB Charging Outlets	1 x Type C (Reversible) 1 x Type A (Reversible)
Power In connector	Male GST18i3 AC connector
Rated Total Output Power	65W MAX
Output Voltages & Currents	<b>(USB-C or USB-A Port single used):</b> <b>USB-C:</b> PD3.0: 5Vdc/3A or 9Vdc/3A or 12Vdc/3A or 15Vdc/3A or 20Vdc/3.25A QC2.0/QC3.0: 5Vdc/3A or 9Vdc/3A or 12Vdc/3A <b>USB-A:</b> 5Vdc/2.4A <b>Output (USB-C and USB-A Port both used):</b> <b>USB-C:</b> PD3.0: 5Vdc/3A or 9Vdc/3A or 12Vdc/3A or 15Vdc/3A or 20Vdc/2.25A QC2.0/QC3.0: 5Vdc/3A or 9Vdc/3A or 12Vdc/3A <b>USB-A:</b> 5Vdc/2.4A
Over voltage category (OVC):	OVC III
Input Voltage	100-240V~, 50/60Hz, MAX1.6A
USB Connector Min. Insertions	Type A 10,000 Type C 10,000
Over Current Protection	Yes. Digital control at 3.3A. Auto reset with LED flash.
Short Circuit Protection	Yes. Digital control at 3.3A. Auto reset.
Over Temperature Protection	Yes
Rated Operating Temperature	0° TO 25°C
Certifications – Safety	IEC 62368-1 : 2014 UL62368-1 cTUVus
Certifications –EMC	EN61204 : 2018 FCC part 15 (B)
Certifications ROHS	EU 2015/863
User Replaceable USB module	No

## Unit Dimensions



**Model Code:** QF15 TUF HP (QFTUF-65)

## Construction

High strength fire retardant polycarbonate

## Colours

Black or white fascia

Black body and GST connector

## Power in connector:

Integral male GST18i3 mains AC connector

## Installation:

QF15 TUF HP can be mounted directly in metal or plastic panels 1.0mm to 3.0mm thick

## Quality & Testing

All QF15 TUF HP modules are manufactured using ISO9001

quality controlled components and practices and are 100% tested before dispatch:

- Visual: Configuration and appearance
- USB charger: Output voltages and resistance

## CE & UKCA Marking

QF15 TUF HP is CE and UKCA marked by OE Electrics as complying with as applicable :

- Electromagnetic Compatibility Directive 2014/30/EU
- UK Electromagnetic Compatibility Regulations 2016
- Low Voltage Equipment Directive 2014/35/EU
- UK Electrical Equipment (Safety) Regulations 2016
- ROHS Directive EU 2015/863
- UK ROHS Regulations 2012

## cTUVus & FCC:

QF15 TUF HP is cTUVus listed and FCC compliant for use in USA and Canada.

## Energy efficiency:

QF15 TUF HP meets current EU Ecodesign and DOE/CEC minimum energy efficient regulations