

# QF30 PSU

**QF30 PSU** (Power Supply Unit) is a compact QikFit modular system 70W AC-DC power supply designed as the ideal partner for our new **TUF-R®/HP** range of USB charging modules.

With its 30V DC output **QF30 PSU** can also be used for charging compatible battery packs such as our innovative QIKPAC modular battery pack.

GST18 AC power in/out connectors allow for compatibility with other **TUF-R®/HP** system modules and OE GST starter and interconnect cables.



## Technical Specifications

Specifications	
Input Connectors	1x Male AC GST18i3 Input 20A installation coupler
Output Connectors	1x Female AC GST18i3 output 20A installation coupler 1x Female 30V DC GST08 output
Input Voltage	100-230 VAC 50-60Hz 100-110 VDC
Rated Input Current	1.7A
AC through current rating	20A
Output Power	70W Max
Output Voltage	30V DC
Output Current Rated	2.34A
Standby Power	0.21W
Efficiency	92% Max
Over Current Protection	Yes
Short Circuit Protection	Yes
Over Temperature Protection	Yes
Status Indication	Yes Blue LED - power on
Certifications	UL/IEC 62368-1 : 2018 (safety) EN61204 : 2018 (EMC) EN 50121-3-2 (railway) FCC part 15 (B) Ecodesign Directive 2009/125/EC

### Configuration:

### Construction:

High strength fire retardant polycarbonate

### Colors:

Black or white RAL 9003 front fascia  
Black rear body

### AC Power Connectors:

Input - 20A Male GST18i3  
Output - 20A female GST18i3

### DC Output Connectors:

Ingle 6A female GST08

### Mounting:

Snaps into panel openings 6.18" x 1.63 (157 - 41.5mm)  
Integral clips mate to surfaces 0.4" - 0.12" (1 - 3mm)

### Quality & Testing:

All QF30 PSU's modules are manufactured using ISO9001 quality controlled components and practices and are 100% tested before dispatch:

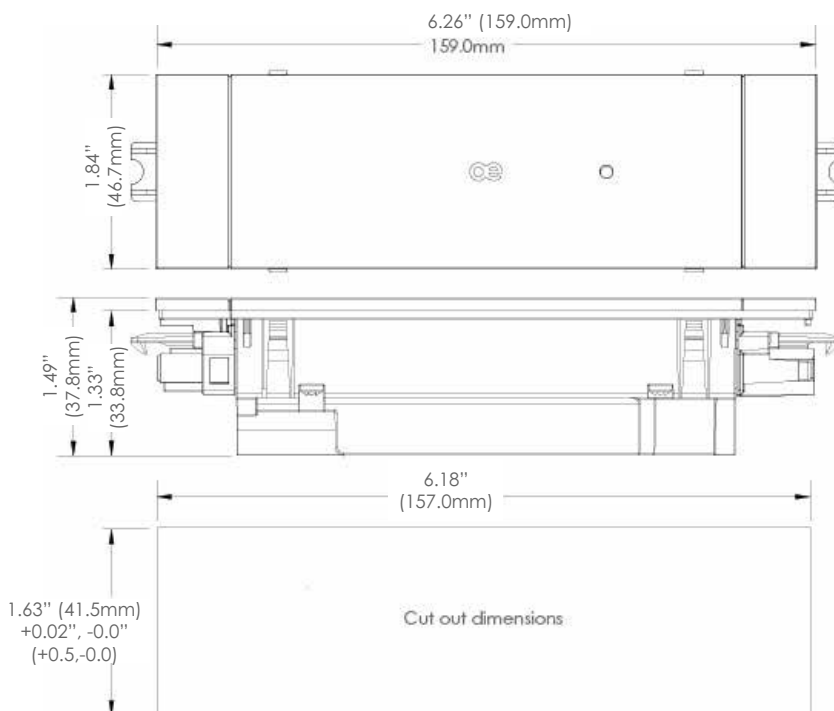
- Visual: Configuration and appearance
- USB charger: Output voltage and resistance

**"We test every pin on every connection in every socket"**

### Certifications:

- UL/IEC 62368-1
- FCC Part 15 (B)
- International certifications available upon request

## Unit Dimensions



QikFit PSU can be snapped directly into metal cable trays or panels

