

QikFit PSU

QF30 PSU is a compact QikFit modular system 70W AC-DC power supply designed as the ideal partner for our new TUF 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 due for launch in 2021.

GST18 AC power in/out connectors allow full compatibility with other QikFit system modules and OE GST starter and interconnect cables.



Mains In

Mains Out

DC Spur to TUF



PICCOLO DC

- Compact QikFit system PSU
- Optimised for TUF-R/HP
- 70W max DC output
- 20A AC throughput capability
- International certifications

PSU
QF30 AC/DC power supply unit

Technical Specifications

Specifications	
Input Connectors	1x Male mains GST18i3 Input 20A installation coupler
Output Connectors	1x Female Mains 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 - Safety	UL/IEC 62368-1 : 2014
Certifications - EMC	EN61204 : 2018 (EMC) EN 50121-3-2 (railway) FCC part 15 (B)

Construction:

High strength fire retardant polycarbonate

Colours:

Black or white RAL 9003 front fascia
Black rear body

AC Power Connectors:

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

DC Output Connectors:

single 6A female GST08

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"

CE Marking:

QF30 PSU's modules are CE marked by OE Electrics as complying with:

- Electromagnetic Compatibility Directive 2014/30/EU
- Low Voltage Equipment Directive 2014/35/EU
- ROHS3 Directive EU 2015/863
- Ecodesign requirements (EU) 2019/1782

Unit Dimensions

