➔ Specification

- AC Input → 230V, 50Hz, 1A
- DC Input → 12V, 1.6A
- DC Output 1 → 12V, 6.3A
- DC Output 2 → 5V, 1.6A
- DC Output 3 → 22V, 0.5A

➔ Optional Accessories

- 2pol Power Cable, 0.5 m, shielded
  Connector: FFA.3S.302.CLAC97ZN
  Cable 8.8 to 9.7mm

- 6pol Heater Cable, 1.5 m, shielded
  Connector1: FFA.2S.306.CLAC42ZN
  Cable 3.1 to 4mm
  Connector2: FFA.1S.306.CLAC42ZN
  Cable 3.1 to 4mm

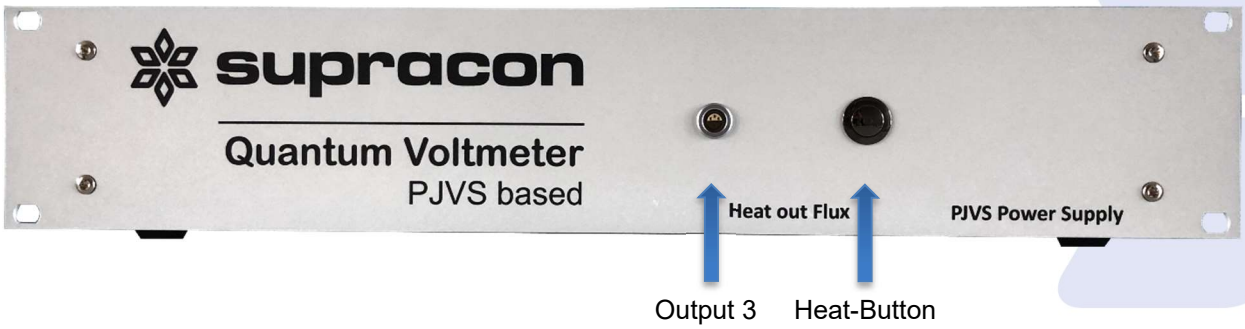
- insulated screws and washers for rack mounting

Supracon AG Jena
An der Lehmgrube 11
D-07751 Jena
Germany

Tel. +49 3641-2328100
Fax. +49 3641-2328109
www.supracon.com
info@supracon.com

Support
Michael Starkloff
michael.starkloff@supracon.com
Tel. +49 3641-2328169

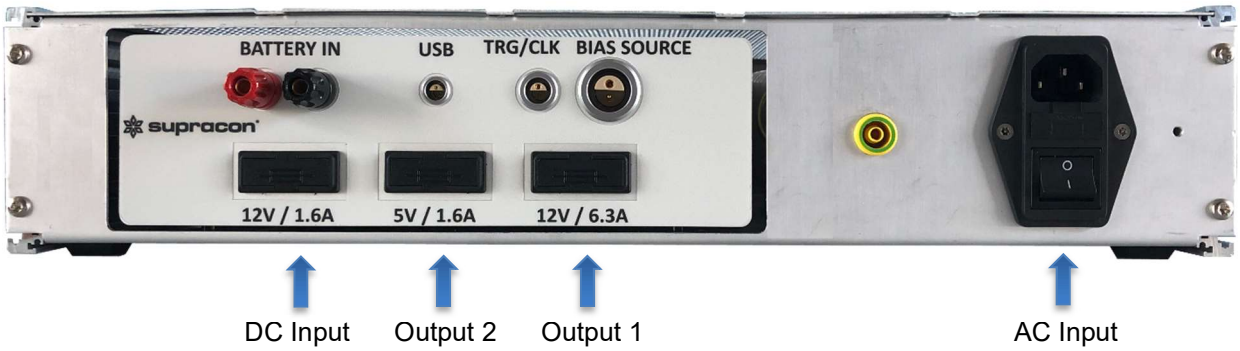
➔ Connections of the Power Supply



- Output 3 (22V) is used for removing trapped flux – connect the heat cable between power supply and cryoprobe.

- Heat-Button to remove trapped flux – press the switch for about 5 seconds, but not longer than 10 seconds.

PJVS array must be inside liquid helium otherwise the array will be destroyed!!!



- DC Input (Banana Plug) is used for battery mode. In that case you must remove the AC input and only the 5V Output 2 is active. For 12V application you must build your own cable/connection between battery and bias source.

- Output 2 (5V) is used for an optical isolated USB hub, usually combined with bias source (AT-AWG 1104) from active technologies.
  Connector opposite side – Straight Plug Lemo **FFA.0S.302.CLAC50**

- Output 1 (12V) is used to power the bias source and to power the optical isolation of trigger and clock signals usually combined with bias source from active technologies.
  Connector opposite side – Straight Plug Lemo **FFA.1S.302.CLAC52Z**
  Straight Plug Lemo **FFA.3S.302.CLAC97Z**

- AC Input is a C13 plug to power the PJVS power supply.

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