



R&S® HM7042-5 TRIPLE POWER SUPPLY

Basic power supply at affordable price

The perfect choice for



Education	Research & design
Maintenance & repair	Production testing

Key specifications	
Total power output	155.5 W
Number of outputs	3
Voltage output CH1, CH3	0 V to 32 V
Voltage output CH2	0 V to 5.5 V
Current output CH1, CH3	0 A to 2 A
Current output CH2	0 A to 5 A
Display resolution CH1, CH3	10 mV/1 mA
Display resolution CH2	10 mV/10 mA

Key features

- ▶ High-performance, inexpensive laboratory power supply
- ▶ Floating, overload and short-circuit proof outputs
- ▶ Separate voltage and current displays for each output
- ▶ Protection of sensitive loads by current limit or electronic fuse
- ▶ Pushbutton to activate/deactivate all outputs
- ▶ Low residual ripple, high output power, excellent regulation
- ▶ Parallel operation for higher current and serial operation for higher voltage
- ▶ Temperature-controlled fan

Your benefit	Features
Straightforward operation	All functions can be operated from the front panel; separate rotary knobs for each channel to adjust voltage and current
The separate output channels can work like individual power supplies	All channels are galvanically separated and can be combined for higher voltage or current
Small, compact and quiet	Combination of primary transformer, secondary switching regulator and additional linear control reduces weight and size



For more information:

www.rohde-schwarz.com/catalog/HM7042

Parallel & serial operating mode

Because all channels are galvanically separated, they can be combined.

- ▶ In the parallel operating mode, channels can be bundled to achieve higher currents
- ▶ In the serial operating mode, channels can be combined for higher output voltages



Ordering information	
Description	Item
Triple power supply	R&S®HM7042-5
19" rackmount kit, 2 HU	R&S®HZ42

Included accessories:

The R&S®HM7042-5 includes operating manual, power cable and three-year warranty.

Rohde & Schwarz Representative

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