

Norgay Power Conditioning and Communication Components

New Product Announcement: RSP-1000 Series

Norgay Enterprises Ltd.

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MEAN WELL has announced another breakthrough in technology and introduced “RSP-1000 series” - 1000W enclosed type switching power supply with power factor correction (PFC) and parallel function - for the 1U low profile and high wattage applications. Featuring 10.67W/ in³ extremely high power density, RSP-1000 series can provide rated output wattage even at 100VAC input because of its high efficiency design. RSP-1000 also has the built-in trimming function that the output voltage can be adjusted between 40% and 110% rated value by adding an external voltage source or resistors. This can provide users great flexibility in the design of their end system!

Besides the standard functions of remote sense, remote ON/OFF control, 5V/0.5A auxiliary output, and DC OK signal, RSP-1000 series uses constant current limiting as the over load protection which will be good for applications of capacitive/inductive load. If you need more power, the built-in active current sharing function can greatly fulfill your high wattage demands that up to 3 units can be connected in parallel (please contact **Norgay** for application of more units connecting in parallel). In the mean time, because of the miniature design, only a very small space in your system will be occupied compare to many products with similar wattage in the market. Applications include front-end power system, factory automation, instrumentation, moving sign, telecom/datacom, ... where space is limited and high efficiency is required. Following are the features and main specifications of the RSP-1000 series and please visit our web site for more detail information:

www.norgay.com

North America Toll Free: 800-280-2839

- 1U low profile
- High power density 10.67W/ in³
- Universal AC input / full range
- Built-in active PFC circuit compliance to EN61000-3-2
- Short circuit, overload, over-voltage, over-temperature protection
- Built-in remote ON/OFF control and remote sense
- Output voltage can be trimmed between 40~110% rated output voltage
- DC OK signal output
- Built-in active current sharing
- Built-in 5V/0.5A auxiliary output
- High efficiency up to 90%
- Dimension: 295mm*127mm*41mm (L*W*H)
- Certificates: UL/CUL/TUV/CE/CB
- 3 years warranty



Model	RSP-1000-12	RSP-1000-15	RSP-1000-24	RSP-1000-27	RSP-1000-48
DC voltage	12V	15V	24V	27V	48V
Rated current	60A	50A	40A	37A	21A
Rated power	720W	750W	960W	999W	1008W
Input voltage	90~264 VAC (127~370VDC)				
Efficiency(230VAC)	84%	86%	89%	89%	90%
Operating temperature	-20~60 deg C (refer to output derating curve)				
Safety standard	TUV EN60950-1, UL60950-1				
EMC standard	EN55022 class B conducted, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61000-6-2 heavy industry level				