Low Cost, 40W Ultra Compact Power Supply

With an ultra compact footprint of only 1.5” x 3.0” x 0.94”, the PPWA40 Series provides up to 40 Watts of continuous output power and up to 50 Watts of peak power. These small, power packed supplies are ideal for low cost, low power applications where space is at a premium. The PPWA40 Series has seven single output models with voltages ranging from 5VDC to 48VDC. Units are exceptionally efficient, with ratings up to 91%. The specified operating temperature range is 0°C to +70°C, with derating above 50°C. Full power is achieved with convection cooling, eliminating any need for additional thermal components or fan cooling. The peak power rating allows the PPWA40 Series to be specified for applications that require short cycle of peak power, without the need to select a more expensive, higher power rated supply.

The PPWA40 Series is an open frame constructed AC-DC switching power supply with three different mechanical options – top pin or bottom pin PCB mount or chassis mount configurations. Comprehensive overvoltage, overcurrent, over temperature, and short circuit protection is inherent in the design. Units are EN55022 Class B compliant for radiated and conducted emissions, eliminating the need for any external filtering, conform to worldwide safety standards and are RoHS compliant. The warranty is three years.

Pricing starts at $20.00 in OEM quantities, with delivery from stock to 12 weeks ARO. Full specifications are available online at www.powerpartners-inc.com [1] or please contact our Technical Group at tech@powerpartners-inc.com [2] For price and delivery questions, please contact us at sales@powerpartners-inc.com [3] or via telephone at 978-567-9600

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