NSP Series

Enclosed Type Power Supply With PFC



The all-new NSP series fully surpasses the RSP series with a higher cost-performance ratio: Its dimensions are significantly reduced, and the operating temperature range is expanded to -40~+85℃, with full load operation possible up to +60℃, making it suitable for harsher environments. At the same time, it has obtained safety certifications in multiple industries, including ICT, industrial, medical, household, and green energy applications, ensuring durability and reliability. The NSP series is the true next-generation replacement for the RSP series, offering competitive pricing, extended warranty, and improved cost reduction and efficiency, making it the ideal choice for almost every new design.

75W-2400W

Complete Lineup

Compact Size

Superior Spec.

Complete Certificates

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NSP Series Video

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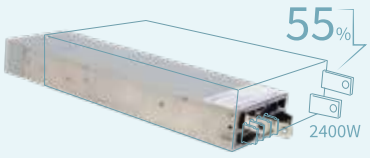
Key Features

Complete Lineup

The NSP series offers a wide selection of power ratings—75W, 100W, 150W, 200W, 320W, 500W, 750W, 1000W, and 2400W—along with multiple output voltages including 5V, 7.5V, 12V, 15V, 24V, 27V, 36V,48V, and 60V to meet diverse application requirements.

Compact Size

The all-new NSP series fully surpasses the RSP series with a higher cost-performance ratio: Its dimensions are significantly reduced 22%~55%.



Complete Certificates

Compared with the RSP series, the new NSP series complies with a wider range of safety standards—ITE 62368-1, Medical 60601-1, Household 60335-1, Industrial 61558-1/2-16/61010-1, and Energy Converter 62477-1—while offering a rare 5-year warranty for assured safety and long-term reliability.

Superior Spec.

The operating temperature range has been extended to -40~+85°C,



supporting full-load operation up to +60°C for enhanced suitability in harsh environments. It features an ultra-wide 85~305 Vac input range, 200% peak power capability, ultra-low leakage current of <350 µA, 2×MOPP insulation, and conformal coating protection.

Series	Watt.	Input Voltage	Output Voltage	Effi.	Peak Power (Except 5V, 7.5V)	Built-in CANBus	Dimensions (LxWxH)	Wty.
NSP-75	75W	85~305 Vac	5V, 12V 15V, 24V 27V, 36V 48V, 60V	92.5 %	150W	N/A	99x97x30 mm	5 years
NSP-100	100W		5V, 7.5V 12V, 15V 24V, 27V 36V, 48V 60V	92.5 %	200W	N/A	99x97x30 mm	
NSP-150	150W			93 %	300W	N/A	129x97x30 mm	
NSP-200	200W			94.5 %	400W	N/A	159x97x30 mm	
NSP-320	320W			93.5 %	640W	N/A	179x99x30 mm	
NSP-500	500W		5V, 12V 15V, 24V 27V, 36V 48V, 60V	95 %	1000W	N/A	199x99x41 mm	
NSP-750	750W			95 %	1500W	N/A	199x105x41mm	
NSP-1000	1000W		12V, 15V 24V, 27V 36V, 48V 60V	93 %	2000W	V	230x127x41mm	
NSP-2400	2400W			93 %	4800W	V	325.8x107x41mm	

Applications







