

30W Wall Mount type switching power supplies for I.T.E

DESCRIPTION

The NSP-XP30 series of AC/DC switching mode power supplies provide 30 watts of continuous output power. All supplies are UL 94V-1 min compliant, and include interchangeable plugs for the mains connector. Input Plugs are available for the USA, Europe, Australia and the U.K. All models meet FCC Part-15 class B and are approved to UL 60950/EN 60950/AS/NZS 60950/IEC 60950, CEC requirements. All units are 100% burned-in and tested.



APPLICATION

- Telecom
- Gaming
- Variety of applications

FEATURES

- Wide Input Voltage 90 to 264 VAC, 47 to 63 Hz
- Interchangeable plugs
- Output Voltage Available from 3VDC through 50VDC
- Optional Output Connector
- Single Output
- Splash Proof
- 2 year Warranty
- Class I & Class II Insulation (Double Insulation)

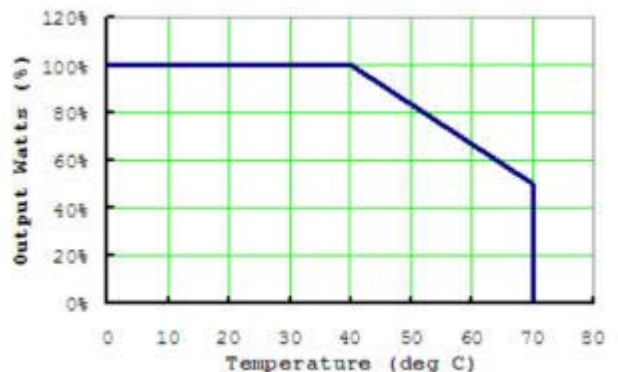


ELECTRICAL CHARACTERISTICS

- Efficiency: 85% max.
- Line Regulation: 1% max.
- Hold-up Time: 10mS min.
- Output ripple and noise: 0.5% (Typ.).
(The Ripple & Noise which is under 3.3VDC at 2% max)

ENVIRONMENTAL

- Operating Temperature: 0 to 70°C
- De-rate linearly from 100% load at 40°C to 50% load at 70°C
- Storage Temperature: -40 to 85°C
- Relative Humidity: 5 to 95%
- MTBF: 100,000 calculated hours.



OUTPUT VOLTAGE AND CURRENT RANGE

Model No.	Output Voltage	Max. Output Current	Model No.	Output Voltage	Max. Output Current
NSP-XP30-0304000	3.0V	4.00A	NSP-XP30-1751710	17.5V	1.71A
NSP-XP30-0334000	3.3V	4.00A	NSP-XP30-1801660	18.0V	1.66A
NSP-XP30-0354000	3.5V	4.00A	NSP-XP30-1851620	18.5V	1.62A
NSP-XP30-0404000	4.0V	4.00A	NSP-XP30-1901570	19.0V	1.57A
NSP-XP30-0454000	4.5V	4.00A	NSP-XP30-1951530	19.5V	1.53A
NSP-XP30-0504000	5.0V	4.00A	NSP-XP30-2001500	20.0V	1.50A
NSP-XP30-0554000	5.5V	4.00A	NSP-XP30-2051460	20.5V	1.46A
NSP-XP30-0604000	6.0V	4.00A	NSP-XP30-2101420	21.0V	1.42A
NSP-XP30-0653500	6.5V	3.50A	NSP-XP30-2151390	21.5V	1.39A
NSP-XP30-0703500	7.0V	3.50A	NSP-XP30-2201360	22.0V	1.36A
NSP-XP30-0753500	7.5V	3.50A	NSP-XP30-2251330	22.5V	1.33A
NSP-XP30-0803500	8.0V	3.50A	NSP-XP30-2301300	23.0V	1.30A
NSP-XP30-0853500	8.5V	3.50A	NSP-XP30-2351270	23.5V	1.27A
NSP-XP30-0903330	9.0V	3.33A	NSP-XP30-2401250	24.0V	1.25A
NSP-XP30-0953150	9.5V	3.15A	NSP-XP30-2451220	24.5V	1.22A
NSP-XP30-1003000	10.0V	3.00A	NSP-XP30-2501200	25.0V	1.20A
NSP-XP30-1052850	10.5V	2.85A	NSP-XP30-2551170	25.5V	1.17A
NSP-XP30-1102720	11.0V	2.72A	NSP-XP30-2601150	26.0V	1.15A
NSP-XP30-1152600	11.5V	2.60A	NSP-XP30-2651130	26.5V	1.13A
NSP-XP30-1202500	12.0V	2.50A	NSP-XP30-2701110	27.0V	1.11A
NSP-XP30-1252400	12.5V	2.40A	NSP-XP30-2751090	27.5V	1.09A
NSP-XP30-1302300	13.0V	2.30A	NSP-XP30-2801070	28.0V	1.07A
NSP-XP30-1352220	13.5V	2.22A	NSP-XP30-2851050	28.5V	1.05A
NSP-XP30-1402140	14.0V	2.14A	NSP-XP30-2901030	29.0V	1.03A
NSP-XP30-1452060	14.5V	2.06A	NSP-XP30-3100960	31.0V	0.96A
NSP-XP30-1502000	15.0V	2.00A	NSP-XP30-3150950	31.5V	0.95A
NSP-XP30-1551930	15.5V	1.93A	NSP-XP30-3200930	32.0V	0.93A
NSP-XP30-1601870	16.0V	1.87A	NSP-XP30-3250920	32.5V	0.92A
NSP-XP30-1651810	16.5V	1.81A	NSP-XP30-3300900	33.0V	0.90A
NSP-XP30-1701760	17.0V	1.76A	NSP-XP30-3350890	33.5V	0.89A

NSP-XP30-3400880	34.0V	0.88A	NSP-XP30-4250700	42.5V	0.70A
NSP-XP30-3450860	34.5V	0.86A	NSP-XP30-4300690	43.0V	0.69A
NSP-XP30-3500850	35.0V	0.85A	NSP-XP30-4350680	43.5V	0.68A
NSP-XP30-3550840	35.5V	0.84A	NSP-XP30-4400680	44.0V	0.68A
NSP-XP30-3600830	36.0V	0.83A	NSP-XP30-4450670	44.5V	0.67A
NSP-XP30-3650820	36.5V	0.82A	NSP-XP30-4500660	45.0V	0.66A
NSP-XP30-3700810	37.0V	0.81A	NSP-XP30-4550650	45.5V	0.65A
NSP-XP30-3750800	37.5V	0.80A	NSP-XP30-4600650	46.0V	0.65A
NSP-XP30-3800780	38.0V	0.78A	NSP-XP30-4650640	46.5V	0.64A
NSP-XP30-3850770	38.5V	0.77A	NSP-XP30-4700630	47.0V	0.63A
NSP-XP30-3900760	39.0V	0.76A	NSP-XP30-4750630	47.5V	0.63A
NSP-XP30-3950750	39.5V	0.75A	NSP-XP30-4800620	48.0V	0.62A
NSP-XP30-4000750	40.0V	0.75A	NSP-XP30-4850610	48.5V	0.61A
NSP-XP30-4050740	40.5V	0.74A	NSP-XP30-4900610	49.0V	0.61A
NSP-XP30-4100730	41.0V	0.73A	NSP-XP30-4950600	49.5V	0.60A
NSP-XP30-4150720	41.5V	0.72A	NSP-XP30-5000600	50.0V	0.60A
NSP-XP30-4200710	42.0V	0.71A			

Mechanical:

