



## SPU12B series

### 15W Wall mount type switching power supplies for I.T.E

The SPU12B series of AC/DC switching mode power supplies provide 15 Watts of continuous output power. All supplies are UL 94V-1 min compliant, include a 3 prong plug-in mains connector for certain applications. All models meet CISPR-22 class B emission Limits and are designed to comply new CE requirements. All units are 100% burned in and tested.



## Features

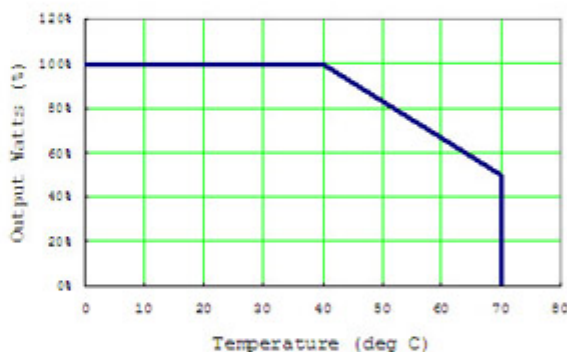
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- 3 Prong Plug-In Mains Connector
- Optional Output Connector
- Single Output
- Class II
- 2 year warranty

## Electrical characteristics

- Efficiency: 70% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 5mS min.
- Output ripple and noise: 1% (max).
- (The Ripple & Noise which is under 3.3VDC at 2% max)

## Environmental

- Operating Temperature: 0 to 70°C
- Derate linearly from 100% load at 40°C to 50% load at 70°C
- Storage Temperature: -20~70°C
- Operating Humidity : 0~95%
- Storage Humidity: 0~95%
- MTBF: 100,000 calculated hours



Model No.	Output Voltage	Max. Output Current	Max. Output Power	Total Regulation	Certificate
▶SPU12B-101	3~5VDC	3.30~2.00A	10W	7%	CE, LVD, PSE, RoHS
▶SPU12B-102	5~6VDC	2.00~1.66A	10W	5%	CE, LVD, PSE, RoHS
▶SPU12B-103	6~8VDC	1.66~1.25A	10W	5%	CE, LVD, PSE, RoHS
▶SPU12B-104	8~11VDC	1.50~1.09A	12W	5%	CE, LVD, PSE, RoHS
▶SPU12B-105	11~13VDC	1.36~1.15A	15W	5%	CE, LVD, PSE, RoHS
▶SPU12B-106	13~16VDC	1.15~0.93A	15W	5%	CE, LVD, PSE (13~15V), RoHS
▶SPU12B-107	16~21VDC	0.93~0.71A	15W	3%	CE, LVD, RoHS
▶SPU12B-108	21~27VDC	0.71~0.55A	15W	3%	CE, LVD, RoHS
▶SPU12B-109	27~33VDC	0.59~0.48A	16W	3%	CE, LVD, RoHS
▶SPU12B-110	33~40VDC	0.45~0.37A	15W	3%	CE, LVD, RoHS
▶SPU12B-111	40~50VDC	0.37~0.30A	15W	3%	CE, LVD, RoHS