



APU41A series

40W Desk Top Extreme Operating Temperature Power Supplies.

The APU41A series of AC/DC switching mode [power](#) supplies provide 40 Watts of continuous output power. All supplies are UL 94V-1 min compliant. All models meet FCC Part-15 class B and CISPR-22 class B emission Limits and are designed to comply with UL/c-UL(UL 60950-1:2nd Edition), TUV/GS (EN 60950-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.

PRELIMINARY

Features

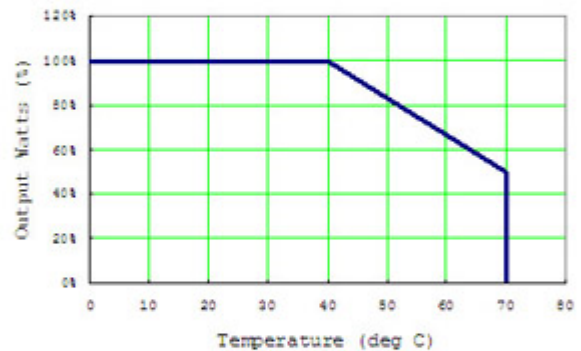
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Energy Star 2.0, Efficiency level V
- Operating temperature -40~70°C
- Single Output
- Class I
- 3 year warranty

Electrical characteristics

- Efficiency: 87% Typ.
- Line Regulation: 1% max.
- Load Regulation: 7% max.
- Hold-up Time: 10mS min.
- Output ripple and noise: 0.5% (Typ.).

Environmental

- Operating Temperature: -40 to 70°C
- Derate linearly from 100% load at 40°C to 50% load at 70°C
- Storage Temperature: -40~85°C
- Operating Humidity : 0~95%
- Storage Humidity: 0~95%
- MTBF: 100,000 calculated hours



Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶APU41A-102	5~5.99VDC	5.00A	5%	30W	UL, CB, CE, TUV GS, FCC, CCC, NRCAN, CEC-V, RoHS
▶APU41A-103	6.5~8VDC	5.00~3.75A	5%	30W	UL, CB, CE, TUV GS, FCC, CEC-V, RoHS
▶APU41A-104	8~11VDC	4.375~3.18A	5%	35W	UL, CB, CE, TUV GS, FCC, CEC-V, RoHS
▶APU41A-105	11~13VDC	3.64~3.07A	5%	40W	UL, CB, CE, TUV GS, FCC, CCC, CEC-V, RoHS
▶APU41A-106	13~16VDC	3.07~2.50A	5%	40W	UL, CB, CE, TUV GS, FCC, CCC, CEC-V, RoHS
▶APU41A-107	16~21VDC	2.50~1.90A	5%	40W	UL, CB, CE, TUV GS, FCC, CEC-V, RoHS
▶APU41A-108	21~27VDC	1.90~1.48A	3%	40W	UL, CB, CE, TUV GS, FCC, CCC, CEC-V, PSE, RoHS
▶APU41A-109	27~33VDC	1.48~1.21A	3%	40W	UL, CB, CE, TUV GS, FCC, CEC-V, RoHS
▶APU41A-110	33~40VDC	1.21~1.00A	2%	40W	UL, CB, CE, TUV GS, FCC, CEC-V, RoHS
▶APU41A-111	40~48VDC	1.00~0.83A	2%	40W	UL, CB, CE, TUV GS, FCC, CEC-V, RoHS