



SUU81 series

80W U-bracket type switching power supplies for I.T.E.

The SUU81 series of compact, open frame constructed, AC/DC switching mode power supplies provide 80 Watts of continuous output power. They are suited for use in based systems, portable equipments and many other applications. 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/Bauart(EN 60950-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



Features

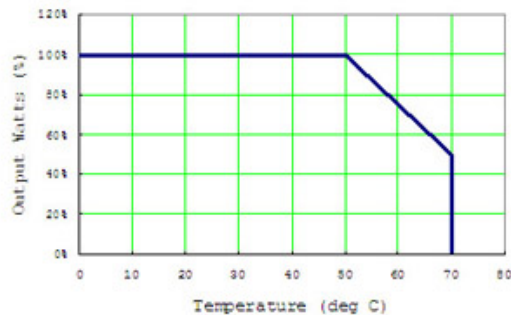
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- Input connector mates with Molex housing 09-50-3031 and Molex 2478 series crimp terminal
- Output connector mates with Molex housing 09-50-3131 and Molex 2478 series crimp terminal
- Dual to Triple Output
- Input Surge Current, Over Voltage and Over Load Protection
- Size: 3.2"x5"x1.38"
- Active Power Factor Correction
- Class I
- 2 year warranty

Electrical characteristics

- Efficiency: 80% typ.
- Line Regulation: 1% max.
- Load Regulation: 7% max.
- Hold-up Time: 16mS 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 50°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
▶SUU81-200	+3.3VDC +12.0VDC	12.0A 5.0A	7% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-201	+5.0VDC +12.0VDC	12.0A 5.0A	5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-202	+5.0VDC +15.0VDC	12.0A 5.0A	5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-203	+5.0VDC +24.0VDC	12.0A 3.0A	5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-204	+3.3VDC +5.0VDC	12.0A 5.0A	7% 5%	64.6W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-215	+5.0VDC -24.0VDC	12.0A 2.0A	5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶SUU81-300	+3.3VDC +12.0VDC -12.0VDC	12.0A 5.0A 0.8A	7% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-300-1	+3.3VDC +12.0VDC +12.0VDC	12.0A 5.0A 0.8A	7% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-301	+5.0VDC +12.0VDC -5.0VDC	12.0A 5.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-301-1	+5.0VDC +12.0VDC +5.0VDC	12.0A 5.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-302	+5.0VDC +12.0VDC -12.0VDC	12.0A 5.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-302-1	+5.0VDC +12.0VDC +12.0VDC	12.0A 5.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-303	+5.0VDC +15.0VDC -15.0VDC	12.0A 5.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-303-1	+5.0VDC +15.0VDC +15.0VDC	12.0A 5.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-304	+5.0VDC +24.0VDC -24.0VDC	12.0A 3.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-304-1	+5.0VDC +24.0VDC +24.0VDC	12.0A 3.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-305	+5.0VDC +24.0VDC -12.0VDC	12.0A 3.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-305-1	+5.0VDC +24.0VDC +12.0VDC	12.0A 3.0A 0.8A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-306	+3.3VDC +12.0VDC -5.0VDC	12.0A 5.0A 0.8A	7% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-306-1	+3.3VDC +12.0VDC +5.0VDC	12.0A 5.0A 0.8A	7% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-307	+5.0VDC +10.0VDC -10.0VDC	12.0A 5.0A 1.0A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-307-1	+5.0VDC +10.0VDC +10.0VDC	12.0A 5.0A 1.0A	5% 5% 5%	80W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-308	+3.3VDC +5.0VDC -12.0VDC	12.0A 5.0A 1.0A	7% 5% 5%	76.6W	UL/cUL.T-mark.CE.CB, RoHS
▶SUU81-308-1	+3.3VDC +5.0VDC +12.0VDC	12.0A 5.0A 1.0A	7% 5% 5%	76.6W	UL/cUL.T-mark.CE.CB, RoHS

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶ SUU81-333	+8VDC +33VDC -33VDC	3.5A 0.7A 0.7A	5% 5% 10%	74.2W	None safety Approvals