

■ TOP-xxxSS 230W/250w/300w/400w PS/2 Power Supply



■ Specifications

- **Input Voltage**
90~132V AC to 180~264V AC
- **Input Frequency**
50Hz to 60Hz
- **Input Current**
8.0A at 115V AC, 4.0A at 230V AC
(10.0A at 115V AC, 5.0A at 230V AC for TOP-400SS)
- **Operation Temperature**
0°C to 50°C (32°F to 122°F)
- **Efficiency**
72% typical at full load
- **Holdup Time**
20ms
- **Line Regulation**
1% max. at +5V
- **Load Regulation**
2% max. at +5V
- **Over Voltage Protection**
5.5V~6.5V at +5V,
13.5V~14.5V at +12V
- **Over Power Protection**
105% ~ 140%
- **Overload Protection**
Short Circuit: Shutdown
- **Power Good Time**
100 to 500ms
- **Designed to comply with:**
TUV, UL, CSA, FCC, CB, CE
- **Dimension (H x W x D)**
85mm x 140mm x 150mm /
3^{1/3}" x 5^{1/2}" x 5^{11/12}"

■ Output Specification

Model No.	Watt	+5V	+12V	-12V	-5V	Safety / EMI Standards Approved
TOP-230SS	230W	1A ~ 23A	0.5A ~ 9A	0A ~ 0.5A	0A ~ 0.5A	TUV, UL, CSA, FCC, CB, CE
TOP-250SS	250W	1A ~ 25A	0.5A ~ 10A	0A ~ 0.5A	0A ~ 0.5A	TUV, UL, CSA, FCC
TOP-300SS	300W	1A ~ 30A	0.5A ~ 12A	0A ~ 0.5A	0A ~ 0.5A	TUV, UL, CSA, FCC
TOP-400SS	400W	30A ~ 50A	11A ~ 20A	0A ~ 0.5A	0A ~ 0.5A	TUV, UL, CSA, FCC

■ TC-xxxSSA 230W/250W/300w/350W/400w ATX Power Supply



■ Specifications

- **Input Voltage**
100~132V AC to 180~264V AC
- **Input Frequency**
50Hz to 60Hz
- **Input Current**
8.0A at 115V AC,
4.0A at 230V AC
- **Operation Temperature**
0°C to 50°C (32°F to 122°F)
- **Efficiency**
70% typical at full load
- **Holdup Time**
20ms
- **Line Regulation**
1% max. at +5V,
1% max. at +3.3V
- **Load Regulation**
5% max. at +5V,
5% max. at +3.3V
- **Over Voltage Protection**
5.58V~6.82V at +5V,
12.80V~14.50V at +12V
3.70V~4.80V at +3.3V
- **Over Power Protection**
105% ~ 140%
- **Overload Protection**
All outputs short to ground are protected
- **Designed to comply with:**
CB, CE, CSA, FCC, TUV
- **Dimension (H x W x D)**
85mm x 140mm x 150mm /
3^{1/3}" x 5^{1/2}" x 5^{11/12}"

■ Output Specification

Model No.	Watt	+3.3V	+5V	+12V	-12V	-5V	+5Vsb	Safety / EMI Standards Approved
TC-230SSA	230W	14A	23A	9A	0.8A	0.5A	0.1A	CB, CE, CSA, FCC, TUV
TC-250SSA	250W	14A	25A	10A	0.8A	0.5A	0.1A	CB, CE, CSA, FCC, TUV
TC-300SSA	300W	14A	30A	12A	0.8A	0.5A	0.1A	CB, CE, CSA, FCC, TUV
TC-350SSA	350W	14A	40A	12A	0.8A	0.5A	0.1A	CB, CE, CSA, FCC, TUV
TC-400SSA	400W	14A	40A	15A	0.8A	0.5A	0.1A	CB, CE, CSA, FCC, TUV