



Switch Mode Power Supply ATX 12V v.2.2 ~ 8cm FAN Active PFC



Dimension: L150 x W140 x H86mm
(5.9" x 5.5" x 3.4")



Features

- Specification compliance: ATX12V v2.2 & EPS 12V v2.9
- Support the latest Intel & AMD Socket
- PCI Express & Serial ATA ready
- Double forward converter circuit
- High efficiency and reliability
- Low ripple & noise
- Super low noise fan control
- Short circuit protection on all outputs
- Over voltage protection
- Over power protection
- 100% hi-pot test
- 100% burn in, high temperature cycled on/off

AC input voltage & DC output

Model	DC OUTPUT						INPUT VOLTAGE		
	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb	Total power	Full Range	Fixed 220V
P6500S PF8	24A	24A	17A	17A	0.8A	2.5A	500W	Yes	Yes
	130W Max ¹		408W ²		9.6W	12.5W			
P6400S PF8	20A	20A	17A	17A	0.8A	2.5A	400W	Yes	Yes
	130W Max ¹		360W ²		9.6W	12.5W			
P6350S PF8	20A	20A	17A	17A	0.8A	2.5A	350W	Yes	Yes
	130W Max ¹		324W ²		9.6W	12.5W			
P6300S PF8	18A	20A	17A	17A	0.8A	2.5A	300W	Yes	Yes
	120W Max ¹		288W ²		9.6W	12.5W			

Remarks: 1. Combined +3.3VDC & +5V DC maximum power

specification may change without prior notice

Electrical Specification

Input frequency:	47/63Hz
In-rush current, cold start:	100A max.
Hold up time, full load:	10ms. typical
Efficiency:	at normal input voltage >70%
	at AC 110v 60Hz 75% typical
	at AC 220v 50Hz 78% typical
Optional 80PLUS	at normal input voltage >80%
Line regulation:	'+/- 1% typical
Load regulation:	'+/- 5% typical
Cross regulation:	'+/- 5% typical
Ripple / noise:	1%
Standby mode	<5W
MTBF, full load @ 25°C amb. Excluding the DC fan:	>100k hrs
Power Factor Correction: Active PFC	99% typical

Top Microsystems Corp.

3261 Keller Street
Santa Clara, CA 95054
Tel: 408-980-9813
Fax: 408-980-8626
www.topmicro.com

Safety compliance

CUL, TUV, CB, CCC

EMI/RFI compliance

CE, FCC, C-tick

