

SAP-6300P

57!87`Dck Yf`Gi dd`m

' \$\$K `G]l `ci hdi h

Zf`]bXi gh]U`5 HL`gmghYa`

5W]j Y`D: 7`



140 x 150 x 86 mm

5.51 x 5.9 x 3.39 inch



Features:

- * Universal full range AC input with active PFC, P.F.> 0.95
- * Built in EMI filter, low ripple noise
- * Over voltage, over load & short circuit protection
- * 3.3V & 5V main output remote sensing
- * Built-in long life ball bearing fan
- * With power good signal & PS-ON signal output
- * Meet Intel ATX 2.01 / ATX2.03 / ATX 12V
- * UL, cUL, TUV, CB, CE approved.
- * 1 year warranty

Specification:

INPUT	Voltage	90V ~ 264VAC universal full range or 127V ~ 375VDC.					
	Frequency	47 ----- 63 Hz.					
	Current	<4.9A @ 100V AC input					
	Inrush Current	<60A@115V / <100A@230V AC input. Cold start at 25°C ambient					
	Leakage Current	<1.5mA@264V AC input					
	Power Factor	PF > 0.95					
OUTPUT	Voltage	V1	V2	V3	V4	V5	V6
		5V	3.3V	12V	-5V	-12V	5Vsb
	Min Load	5A	0A	2A	0A	0A	0A
	Max Load	30A	25A	12A	0.5A	1A	1A
	Output Tolerance ②	±5%	±5%	±5%	±5%	+8/-5%	±5%
	Ripple Noise MAX. ③	70mV	70mV	120mV	70mV	150mV	70mV
Efficiency (TYP.)	68%						
Output MAX.	3.3V & 5V Max 150W , Total output max 300W.						
PROTECTION	Over Voltage	5.8V~7.0V	---	---	---	---	---
		Shutdown and latch off, recover after re-start up.					
	OverLoad & ShortCircuit	When power supply over 105%~ 150% max load or short circuit acted, power supply will be shutdown and latch off.					
ELEC. CHAR.	Rise time	<20mS					
	Hold up time	>20mS@230V					
	Power Good Signal	Power ON within 100---500ms, high level TTL signal release.					
	PS-ON Signal	P/S ON: PS-ON=Low or <0.8V ; P/S OFF: PS-ON=Hi or >2V					
ENVIRONMENT	Temperature ④	Operating: -10~70°C; De-rating: 50°C ~70°C : 2.5%/°C. ; Storage: -20~+85°C					
	Humidity	Operating: 20% ~ 90% RH(non condensing); Storage: 10% ~ 95% RH (non condensing)					
SAFETY	Withstand voltage	I/P-O/P:3KVAC, I/P-PE:1.5KVAC 1minute					
	Isolation resistance	I/P-O/P, I/P-PE > 100MΩ/500VDC at 25°C / 70% RH					
	Safety standard	UL 1950 2 nd , CSA C22.2 No.234-M90,TUV EN 60950-1:2001+A11,IEC 60950, approved					
EMC	EMI	EN 55022 CLASS B, FCC CFR 47 PART 15 CLASS B, CNS 13438 CLASS B.					
	EMS	Compliance to EN61000-3-2 CLASS D, EN61000-3-3					
OTHERS	EMS	EN 55024 : EN 61000-4-2,3,4,5,6,8,11					
	Cooling	Forced airflow cooling with a DC fan.					
	M.T.B.F.	155 K hours					
	Dimension	140 x 150 x 86 mm (L*W*H)					
	Packing	N.W.: 2.0Kg / 1pc; 10pcs / 1.95 CUFT / 1 CTN					
NOTE		① All measurements which not mentioned are based on 230VAC input, output max at ambient 25°C / 70%RH					
		② Output tolerance included set up voltage, line regulation and load regulation. The regulation is measured at the condition : when any of output is with 20% ~ 100% max load and the rest of each outputs are with 60% max load , Each output could work within max load but must under total output max .					
		③ Ripple & noise are measured at 100~254VAC input with 0~50°C condition and 20MHz of bandwidth by terminated with a 0.1uF & a 47uF parallel capacitor.					
		④ The operating temperature shall follow the de-rating curve in spec The output load may be requested for decreasing as de-rating curve in spec when low input voltage is under 100VAC					
		⑤ The power supply is considered a component of end-equipment. The end-equipment must be re-confirmed whether comply with EMC directives.					

