



Professional Power supply Industrial PC, Server, Storage

Best Solution Guide

AC Input :

VOLTAGE : 100~240V(Active PFC/Full Range)

FREQUENCY : 47~63Hz

POWER FACTOR CORRECTION : 0.95

INPUT CURRENT : 8A/4A For 115/230VAC

INRUSH CURRENT : 60A/80A MAX FOR 115/230

DC Output :

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT RIPPLE & NOISE MAX. [P-P]
	MIN (A)	MAX (A)	LOAD	LINE	
+5V	3	30	±5%	±1%	50mV
+12V	2	16	±5%	±1%	120mV
-5V	0.1	0.5	±10%	±1%	150mV
-12V	0.1	0.8	±10%	±1%	150mV
+3.3V	1	20	±5%	±1%	50mV
+5VSB	0.1	2	±5%	±1%	50mV

The combined output power +5V&+3.3V shall not exceed 30A.

The total power shall not exceed 300W.

Features...

- ⊙ TEMPERATURE RANGE : Operation 0°C ~ 50°C
- ⊙ HOLD UP TIME : 16ms at maximum load & normal input voltage
- ⊙ EFFICIENCY : 70% TYPICAL (Normal Line)
- ⊙ POWER GOOD SIGNAL : Should be asserted high to indicate that +5VDC and +3.3VDC output are above the low voltage thresholds. Compatible signal out with 100ms to 500ms.
- ⊙ OVER POWER PROTECTION : The power supply shall shut down output power exceeds 130% to 160%
- ⊙ OVER VOLTAGE PROTECTION : +5V, +3.3V and +12V DC outputs set at 110%-130%
- ⊙ SHORT CIRCUIT PROTECTION : A short circuit placed between the DC return and the output shall cause no damage and the power supply shall shutdown.
- ⊙ EMI : FCC part 15, subpart B, Class B, EN55022 CISPR22 Class B.
- ⊙ Meet EN-61000-3-2 CLASS D (Active PFC)
- ⊙ GAENCY APPROVALS : UL60950, CAN/CSA22.2 No.60950, TUV(IEC60950)
- ⊙ MTBF OF POWER SUPPLY ELECTRONNIS : 100,000 hours at 25°C.
LIFE EXPCTANCY OF FAN 40,000 hours at 40°C
- ⊙ COLLING : By forced air 1x40mm Fan (Each module)
- ⊙ DIMENSION : D280 X W101 X H84mm