



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

P25B TRIPLE SERIES

- .FULL RANGE AC INPUT
- .IEC320-C8(2PIN INLET),CLASS POWER
- .FULLY ENCLOSED PLASTIC CASE
- .100% FULL LOAD BURN-IN TEST
- .LED INDICATE FOR POWER ON
- .MTBF:200000HRS BY MIL-HDBK-217F, NOTICE 2, PARTS COUNT
- .SHORT CIRCUIT PROTECTED
- .OVER LOAD PROTECTION
- .OVER TEMP. PROTECTED
- .OVER VOLTAGE PROTECTED
- .APPROVALS:UL/CUL/TUV/CB/CE



TYPE NO.	P25B13A-yyy			P25B13D-yyy			P25B14E-yyy		
SPECIFICATION									
SAFETY MODEL NO.	PSU25B-13A			PSU25B-13D			PSU25B-14E		
DC OUTPUT VOLTAGE	+5V	+12V	-5V	+5V	+12V	-12V	+5V	+15V	-15V
OUTPUT V. TOLERANCE	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%
OUTPUT RATED CURRENT	2.5A	0.8A	0.3A	2.5A	0.8A	0.3A	2.5A	0.5A	0.3A
OUTPUT CURRENT RANGE	0.5-2.5A	0.1-0.8A	0.1-0.3A	0.5-2.5A	0.1-0.8A	0.1-0.3A	0.5-2.5A	0.1-0.5A	0.1-0.3A
RIPPLE & NOISE (p-p)	50mV	100mV	100mV	50mV	100mV	100mV	50mV	100mV	100mV
LINE REGULATION	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
LOAD REGULATION	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%	±5%
DC OUTPUT POWER	25W			25W			25W		
EFFICIENCY	70%			72%			74%		
DC VOLTAGE ADJ.	FIXED								
INPUT VOLTAGE RANGE	90~264VAC 47~63Hz								
AC CURRENT	1A/230VAC								
AC INPUT CONNECTOR	IEC320-C8, 2PIN INLET								
INRUSH CURRENT	COLD START < 60A PEAK @ 230VAC								
OVERLOAD PROTECTION	PULSING MODE, RESET:AUTO RECOVERY								
OVER VOLTAGE PROTECTION	110%~140%								
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)								
SETUP, RISE, HOLD UP TIME	200ms, 50ms, 16ms								
VIBRATION	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES								
WITHSTAND VOLTAGE	I/P-O/P:3KVAC FOR 1min.								
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms min.								
WORKING TEMP., HUMIDITY	0°C~+30°C @ 100%LOAD, 40°C @ 70% LOAD, 20%~90% RH								
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH								
DIMENSION	108*67*36mm (L*W*H)								
WEIGHT; Q'TY/CARTON	0.3Kgs; 54PCS/CARTON								
SAFETY STANDARDS	UL1950, CSA22.2, EN60950 APPROVAL								
EMC STANDARDS	EN55022 CLASS B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11,EN55024 VERIFICATION								
LENGTH OF OUTPUT CABLE	150cm OF AWM 2464X4C, WITH SHIELDING								
PLUG OF DC OUTPUT	STANDARD PLUG R1B:DIN 5 PIN yyy:TO BE DEFINED BY OUTPUT CABLE AND CONNECTOR								

- NOTE :
- 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
 - 2.TOLERANCE GINCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
 - 3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
 - 4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
 - 5.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.