

MANSON ENGINEERING INDUSTRIAL LTD.


PRODUCTION SPECIFICATION DC REGULATED POWER SUPPLY


MODEL: SSP-7080-000G	REV. 1.0	DATE: 22/02/2007	SHEET: 1/1
DESCRIPTION: CONSTANT POWER SWITCHING MODE POWER SUPPLY			
INPUT VOLTAGE: 100~240Vac		FREQUENCY: 47~63 Hz	
ENVIRONMENT TEMPERATURE: 25°C			

		MIN.	TYP.	MAX.	UNIT
Operation Voltage Range		90	110/230	264	Vac
Min. Output Voltage		0		0.1	V
Max. Output Voltage	0~16V/5A	16.0	16.4	18.5	V
	0~27V/3A	27.0	27.6	29	V
	0~36V/2.2A	36.0	36.8	37.5	V
Min. Output Current			0	0.01	A
Max. Output Current	0~16V/5A	5.0	5.1	5.3	V
	0~27V/3A	3.0	3.2	3.5	V
	0~36V/2.2A	2.2	2.4	2.6	V
Load Voltage Regulation(0-100% Load)			20	30	mV
Line Voltage Regulation (100~240Vac)			1	4	mV
Ripple & Noise (P-P)			20	30	mV
Ripple & Noise (r.m.s)			3	5	mV
Line Current Regulation			5	10	mA
Load Current Regulation(100~240Vac)			5	10	mA
No Load Input Current (Input:230Vac)			100	130	mAac
Full Load Input Current (Input :230Vac)			0.45	0.5	Aac
Efficiency		78	80		%
Power Factor		90	95		%
Voltmeter Accuracy	V-Output≤5V			±0.5%+5	counts
	V-Output>5V			±0.5%+3	counts
Ammeter Accuracy	A-Output≤2A			±0.5%+5	counts
	A-Output>2A			±0.5%+3	counts
Insulation Resistance (500 VDC)		100			MΩ
Input V.S Housing, Input V.S Output					
Withstanding test (60 sec. 10 mA)	Input V.S Output,	3000			V
	Input V.S Housing	1500			V

REMARKS:

1. Rated Load is 16V/5A, 27V/3A, 36V/2.2A.
2. Protection:Output over voltage; Output over current; Over temperature.

Prepared by: 

Checked by: 

Approved by: 

