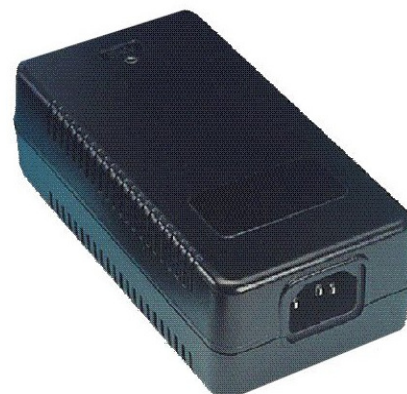


# MPU 50

# Medical-Desktop

# 30~50W

Country of Origin : Taiwan  
Operating Temperature : 0 ~ 70°C  
Dimension : 146 x 76 x 43 mm  
Approvals / Marks : UL, c-UL, TÜV, CB, CE  
EN60601-1-2:2001



## Features:

Single Output  
Full range 90~264 VAC with IEC320-C14 Inlet  
Output Voltage from 2 ~ 50VDC. Output voltage set by factory.  
Output connector: standard: 5.5 x 2.1 x 9.5mm or customer requirement  
Class 1 insulation  
Input surge current, Over voltage and Overload protection  
1 year warranty

## Specification:

		OUTPUT			
	MODEL	Voltage	Current	Tolerance	Max. Power
OUTPUT	MPU-50-100	2 ~ 3V *	12.0 ~ 10.0A	±7%	30W
	MPU-50-101	3 ~ 5V *	10.0 ~ 8.00A	±7%	40W
	MPU-50-102	5 ~ 6V *	8.00 ~ 6.66A	±5%	40W
	MPU-50-103	6 ~ 8V *	7.00 ~ 5.25A	±5%	42W
	MPU-50-104	8 ~ 11V *	5.63 ~ 4.00A	±4%	45W
	MPU-50-105	11 ~ 13V *	4.00 ~ 3.46A	±3%	45W
	MPU-50-106	13 ~ 16V *	3.46 ~ 2.81A	±3%	45W
	MPU-50-107	16 ~ 21V *	3.12 ~ 2.38A	±3%	50W
	MPU-50-108	21 ~ 27V *	2.30 ~ 1.85A	±2%	50W
	MPU-50-109	27 ~ 33V *	1.85 ~ 1.51A	±2%	50W
	MPU-50-110	33 ~ 40V *	1.51 ~ 1.25A	±2%	50W
	MPU-50-111	40 ~ 50V *	1.25 ~ 1.00A	±2%	50W
		<b>* Please specify which output voltage is needed when you order</b>			
Efficiency (min / typ / max)		75% / 83% / 88% @ 230VAC, full load			
Ripple & Noise (typ / max)		1% / 2% @ 90VAC, full load			
INPUT	Voltage	90 ~ 264VAC			
	Frequency	47 ~ 63 Hz			
	Current	1.35A max @ 115VAC , full load condition / 0.7A max @t 230VAC , full load condition			
	Inrush Current	12A@115VAC / 26A@230VAC input, full load condition. 25°C, Cold start			
	Leak. Current (max)	0.1mA @240VAC, full load			
PROTECTION	Overload	Yes			
	Over Voltage	Yes			
	Surge Current	Yes			
OTHERS	Startup time (min/typ/max)	0.3s / 1.5s / 2s @ 100VAC full load			
	Holdup time	16ms at full load and 100VAC			
Environment	Temperature	Operating: 0 ~ 70°C / Derating: 50 ~ 70°C : 2.5%/°C / Storage: -40 ~ 85°C			
	Humidity	5% ~ 95% RH (non condensing)			
Connection	Input	IEC320-C14 (3 pole)			
	Output	Plug: standard: 5.5 x 2.1 x 9.5mm or customer requirement			
MTBF		100.000 hrs.			
SAFETY		Approved: UL 2601-1 / c-UL / TÜV EN60601 / CE EN60601-1-2:2001			
EMC		FCC Part 18 Class B / CISPR-11 EN55011 Class B			
WEIGHT		N.W.: 0.55 kg			