

# MPU 30

# Medical-Desktop

# 20~30W

Country of Origin : Taiwan  
Operating Temperature : 0 ~ 70°C  
Dimension : 118 x 65 x 39 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-30-101	3 ~ 5V *	6.66 ~ 4.00A	5%	20W
	MPU-30-102	5 ~ 6V *	5.00 ~ 4.16A	5%	25W
	MPU-30-103	6 ~ 8V *	4.46 ~ 3.12A	5%	25W
	MPU-30-104	8 ~ 11V *	3.75 ~ 2.75A	4%	30W
	MPU-30-105	11 ~ 13V *	2.72 ~ 2.30A	3%	30W
	MPU-30-106	13 ~ 16V *	2.30 ~ 1.87A	3%	30W
	MPU-30-107	16 ~ 21V *	1.87 ~ 1.42A	3%	30W
	MPU-30-108	21 ~ 27V *	1.42 ~ 1.11A	2%	30W
	MPU-30-109	27 ~ 33V *	1.11 ~ 0.90A	2%	30W
	MPU-30-110	33 ~ 40V *	0.90 ~ 0.75A	2%	50W
		<b>* Please specify which output voltage is needed when you order</b>			
Efficiency (min / typ / max)		70% / 83% / 88% @ 230VAC, full load			
Ripple & Noise (typ / max)		0.5% / 1% @ 90VAC, full load			
INPUT	Voltage	90 ~ 264VAC			
	Frequency	47 ~ 63 Hz			
	Current	1.35A max @ 115VAC, full load condition / 0.7A max @ 230VAC, full load condition			
	Inrush Current (max)	15A@115VAC / 30A@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	12ms 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			
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.: 0.46 kg				