

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:**

Dual Output  
 Full range 90~264 VAC with IEC-320-C14 Inlet  
 Output connector: standard: DIN-plug or customer requirement  
 Class 1 insulation  
 Input surge current, Over voltage and Overload protection  
 1 year warranty

**Specification:**

		OUTPUT 1				OUTPUT 2				
	MODEL	Voltage	Io min.	Io max.	Tol.	Voltage	Io min.	Io max.	Tol.	Max. Power
OUTPUT	MPU-50-200	3.3V	0.5A	5A	±7%	12V	0.2A	2A	±5%	40W
	MPU-50-201	5V	0.5A	5A	±5%	12V	0.2A	2A	±5%	42W
	MPU-50-202	5V	0.5A	5A	±5%	15V	0.2A	1.5A	±6%	42W
	MPU-50-203	5V	0.5A	5A	±5%	24V	0.1A	1A	±5%	42W
	MPU-50-204	3.3V	0.5A	5A	±7%	5V	0.2A	2A	±5%	26.5W
	MPU-50-209	12V	0.3A	3A	±5%	-12V	0A	1A	±5%	42W
	MPU-50-210	15V	0.2A	2A	±5%	-15V	0.1A	1A	±5%	42W
	MPU-50-215	5V	0.5A	5A	±5%	-24V	0.1A	1A	±5%	42W
	MPU-50-216	5.1V	0.5A	5A	±5%	7.2V	0.3A	2.6A	±5%	42W
	MPU-50-217	10.5V	0.2A	2A	±5%	-10.5V	0A	2A	±5%	42W
	MPU-50-218	5V	0.5A	5A	±5%	-5V	0A	2A	±5%	35W
Efficiency (min/typ/max)		75% / 83% / 88% @ 230VAC, full load								
Ripple & N (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: DIN-plug 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									