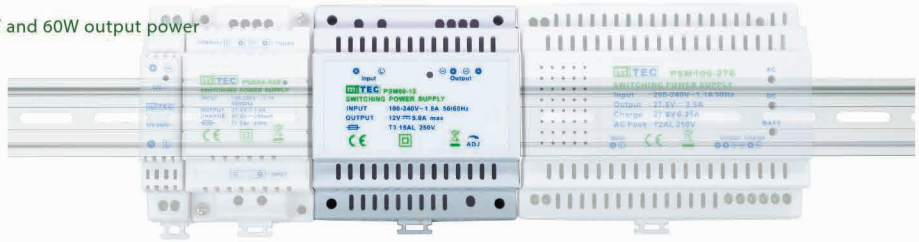


5U DIN-RAIL Power Supply

PSM40, PSM60

5U Din-Rail Housing provide flexibility for both 40W and 60W output power

- Up To 60W Output Power
- Universal AC Input (100 ~ 240VAC)
- Cooling by Natural Air Convection
- Built-in Charger For Backup Battery
- Fully Input and Output Protections
- Safety Double Isolation
- LED Indicator For Normal DC Output



PRODUCT SPECIFICATIONS

MODEL	PSM40-12B	PSM60-12B	PSM60-24B	PSM60-12	PSM60-24
INPUT					
Rated Voltage (VAC)			100 ~ 240		
Voltage Range (VAC)			90 ~ 264		
Rated Frequency (Hz)			50 / 60		
Frequency Range (Hz)			47 ~ 63		
Current (A)	≤ 0.6	≤ 1.0	≤ 1.4	≤ 1.2	≤ 1.2
No Load Power Consumption (W)			≤ 1.0		
Energy Efficiency (%)			≥ 80 at full load		
OUTPUT					
Rated Voltage (VDC)	13.8	13.8	27.6	12.0	24.0
Voltage Range (VDC)	13.1 ~ 14.5	13.1 ~ 14.5	26.2 ~ 28.9	12.0 ~ 12.6	24.0 ~ 24.8
Voltage Adjust Range (VDC)	N/A	N/A	N/A	10.8 ~ 13.2	21.6 ~ 26.4
Rated Current (A)	2.90	4.35	2.20	5.00	2.50
Current Range (A)	0 ~ 2.90	0 ~ 4.35	0 ~ 2.20	0 ~ 5.00	0 ~ 2.50
Battery Charger (Max. charging current 150mA)	For 12V rechargeable battery (1pc.)		For 12V rechargeable battery(2pcs. in series)	N/A	N/A
Rated Power (W)	40.0 Max.	60.0 Max.	60.0 Max.	60.0 Max.	60.0 Max.
Ripple and Noise (mVp-p) <i>See Note 2.</i>	120 Max.	120 Max.	150 Max.	120 Max.	150 Max.
Rise Time (ms)			≤ 80 at full load		
Hold Up Time (ms)			≥ 50 at full load		
PROTECTION					
AC Input	Current fuse protection				
Output Short-Circuit	Hiccup mode occur and auto-recover without damage when fault conditions are removed.				
Output Over Voltage (V)	15 ~ 18	15 ~ 18	29 ~ 33	15 ~ 18	29 ~ 33
Output Over Current (A)	3.2 ~ 4.0	4.8 ~ 6.1	3.2 ~ 4.0	5.5 ~ 6.5	3.0 ~ 3.6
Over Temperature (°C)	95 ± 5 (output shutdown, reset by recycle AC input)				
Battery Low-Voltage (V)	8.5 ~ 10.0		18.5 ~ 21.5	N/A	N/A
ENVIRONMENT SPECIFICATION					
Operating Temperature Range (°C)	-20 ~ +60				
Operating Humidity (%)	5 ~ 90 RH				
Storage Temperature (°C) / Humidity (%)	-25 ~ +70 / 5 ~ 90 RH				
SAFETY					
Safety Standard	Compliance to CE/LVD				
Withstand Voltage	Input to Output: 3KVAC				
Isolation Resistance	Input to Output: >20MG/500VDC at 25°C/70%RH				
EMC <i>See Note 3.</i>					
Emission	Compliance to EN55022 Class B				
Immunity	Compliance to EN55024, EN61000-4-2,3,4,5,6,8,11				
LED INDICATOR					
DC	Light at normal DC output and battery backup mode				
OTHERS					
Dimensions (mm)	87.5(W) × 60(H) × 93 (L)				
Weight (kg)	0.4 approx.				