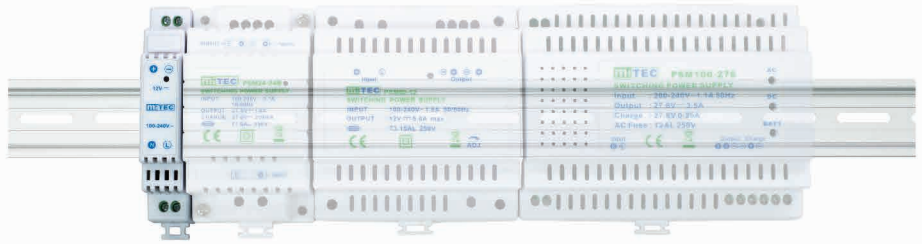


1U DIN-RAIL Power Supply

PSM15, PSM18

1U Din-Rail, fill the gap

- Up To 18W Output Power
- Universal AC Input (AC100 – 240V)
- 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	PSM15-5	PSM18-12	PSM18-24	PSM18-138	PSM18-276
INPUT					
Rated Voltage (VAC)	100 – 240				
Voltage Range (VAC)	90 – 264				
Rated Frequency (Hz)	50 / 60				
Frequency Range (Hz)	47 – 63				
Current (A)	≤ 0.4	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
No Load Power Consumption (W)	≤ 0.5			≤ 1.0	
Energy Efficiency (%)	≥ 80 at full load				
OUTPUT					
Rated Voltage (VDC)	5	12	24	13.8	27.6
Voltage Range (VDC)	4.75 – 5.25	12.0 – 12.6	24.0 – 24.8	13.1 – 14.5	26.2 – 28.9
Rated Current (A)	3.0	1.5	0.75	1.2	0.6
Current Range (A)	0 – 3.0	0 – 1.5	0 – 0.75	0 – 1.2	0 – 0.6
Battery Charger (Max. charging current 100 ~ 150mA)	N/A			For 12V rechargeable battery (1pc.)	For 12V rechargeable battery(2pcs. in series)
Rated Power (W)	15 Max.	18 Max.	18 Max.	18 Max.	18 Max.
Ripple and Noise (mVp-p) <i>See Note 2.</i>	100 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)	6 – 8.5	15 – 18	28 – 33	15 – 18	28 – 33
Output Over Current (A)	3.2 – 4.0	1.7 – 2.3	0.85 – 1.30	1.5 – 2.0	0.85 – 1.15
Over Temperature (°C)	95 ± 5 (output shutdown, reset by recycle AC input)				
Battery Low-Voltage (V)	N/A			9.0 – 10.5	19.0 – 20.5
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					
Output	Light up when DC output normal and battery backup mode				
OTHERS					
Dimensions (mm)	17.5(W) × 60(H) × 100.3 (L)				
Weight (g)	70 approx.			77 approx.	