

**Features :**

- Plastic case, Ultra slim
- Support wide range of AC/DC auxiliary supply
- Efficiency > 85% @ 230V AC
- Full power between -25°C to +50°C
- Protection against short circuit, overload, overvoltage & over temperature
- Cooling by free air convection

Model Number Legend:RPS60 - ☐ ☐

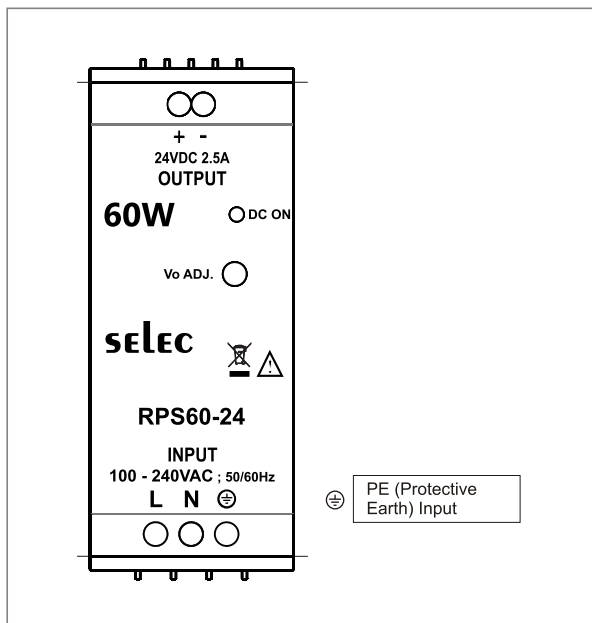
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1. Output Voltage: 05: 5V
12: 12V
15: 15V
24: 24V
48: 48V

SPECIFICATIONS:

MODEL		RPS60-05	RPS60-12	RPS60-15	RPS60-24	RPS60-48
OUTPUT	NOMINAL DC VOLTAGE	5V	12V	15V	24V	48V
	RATED CURRENT	10A	5A	4A	2.5A	1.25A
	CURRENT RANGE	0 - 10A	0 - 5A	0 - 4A	0 - 2.5A	0 - 1.25A
	RATED POWER	50W	60W	60W	60W	60W
	RIPPLE & NOISE (max)	<1% of Vout	<1% of Vout	<1% of Vout	<1% of Vout	<1% of Vout
	VOLTAGE ADJ. RANGE	5.0 to 6.0 V	12 to 14 V	15 to 17.5 V	24 to 28 V	48 to 56 V
	VOLTAGE TOLERANCE	± 1 %				
	LINE REGULATION	<1% of Vout				
	LOAD REGULATION	± 1 %				
	TURN ON TIME	< 3 sec; at full load				
	HOLD UP TIME	≥60ms at 230V AC & ≥15ms at 115V AC, Full load				
	RISE TIME	<100 ms				
INPUT	VOLTAGE RANGE	90 - 264V AC 127 - 370V DC				
	FREQUENCY RANGE	50/60Hz				
	EFFICIENCY @ 230V AC	>85 %	>86 %	>86 %	>87 %	>87 %
	AC CURRENT	1.2A @ 115V AC; 0.8A @ 230V AC				
	INRUSH CURRENT	<50 Amps; Measured at 264V AC, 25°C Ambient, Cold start				
	LEAKAGE CURRENT	< 1 mA; 264Vac input				
PROTECTION	OVERLOAD	110% to 140% of rated output current; Hiccup type, Autorecovery				
	OVERVOLTAGE	6.8V DC ±0.5V DC	16V DC ±1V DC	20V DC ±1V DC	31.5V DC ±1V DC	60V DC ±2V DC
	OUTPUT SHORT CIRCUIT	Latched type; Input AC power to be recycled to recover the power supply				
	OVER TEMPERATURE	Hiccup mode when output is shorted; Autorecovery type. Power supply shuts down when the temperature of PCB below main transformer reaches typically 120°C; Turns on only after the temperature falls below 90°C typically and AC power is recycled thereafter.				
FUNCTION	DC OK SIGNAL	NA				
ENVIRONMENT	OPERATING TEMP	-25°C to +70°C; De-rate linearly above 50°C from 100% load at 50°C to 50% load at 70°C				
	STORAGE TEMP	-40°C to +85°C				
	COOLING	Natural convection cooled				
	HUMIDITY	5 to 95% RH, Non condensing				
	ALTITUDE	2000m				
	VIBRATION	Component : 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
SAFETY & EMC	DIELECTRIC WITH STAND VOLTAGE	I/P to Earth : 2500V AC I/P to O/P : 4000V AC O/P to Earth : 1500V AC				
OTHERS	DIMENSION	43*109.8*102.7mm (W*H*D)				
	WEIGHT	285 gms				
	MOUNTING	35 mm DIN rail				

Terminal connections



Ordering information

Product Code	Description	Certification
RPS60-05	60W, 05V/10A DIN rail mounted Power Supply in Plastic Housing	---
RPS60-12	60W, 12V/5A DIN rail mounted Power Supply in Plastic Housing	---
RPS60-15	60W, 15V/4A DIN rail mounted Power Supply in Plastic Housing	---
RPS60-24	60W, 24V/2.5A DIN rail mounted Power Supply in Plastic Housing	---
RPS60-48	60W, 48V/1.25A DIN rail mounted Power Supply in Plastic Housing	---