



**INTERCHANGEABLE AC PLUG
30W SINGLE OUTPUT SWITCHING POWER SUPPLY**

PA1030



FEATURES:

- ACCOMMODATE UNIVERSAL AC INPUT
- LIGHT WEIGHT & COMPACT SIZE
- MEET UNIVERSAL SAFETY STANDARDS
- EMI MEET FCC, CISPR 22 CLASS B
- CE MARKING COMPLIANCE
- CEC EFFICIENCY REGULATIONS (OPTIONAL)

SPECIFICATION

INPUT SPECIFICATION

Input Voltage: 90-264Vac typical.
Input Connector: USA/Euro/UK/Aust.
Input Frequency: 50-60Hz.
Inrush Current: 40A max.
Input Current (rms): 0.5A max.
EMI: EN55022 Class B, CISPR 22 Class B
Hold-up Time: >10mS at full load @230Vac typical

OUTPUT SPECIFICATION

Output Voltage: +3V - +50Vdc
Output Current: 0.52A – 4.0A
Output Wattage: 30 Watts max.
Output Connector & Cord: Optional.
Line Regulation: 2.0% max.
Load Regulation: $\pm 5.0\%$ typical.
Noise & Ripple: 1% peak to peak typical.
OVP: Build-in.
Overload Protection (OLP): Fully protected against short circuit and over current. Consult the factory for OLP setting.

GENERAL SPECIFICATION

Efficiency: >70% typical
Circuit Topology: Flyback circuit
Safety Standard: TUV EN60950, CB, UL60950, CE, PSE, BSMI
Construction: Impact resistant plastic case

Operating Temperature: 0 to +40°C.
Storage Temperature: -10 to +70 °C.
Cooling: Free air convection
Wall Mount Format.

Note:

1. All measurements are at nominal input, full load, and +25 °C unless otherwise specified.
2. The exact obtainable load regulation depends upon the output cord selected and load current.
3. Due to requests in market and advances in technology, specifications subject to change without notification.



For the details of safety approval, please consult the factory.

OUTPUT VOLTAGE / CURRENT RATINGS CHART

SINGLE OUTPUT *(Model No. for example)*

MODEL NO.	VOLTAGE	CURRENT (MAX)
PA1025-033	+3.3V	4.00A
PA1025-050	+5.0V	4.00A
PA1025-060	+6.0V	4.00A
PA1025-075	+7.5V	3.33A
PA1025-090	+9.0V	2.77A
PA1025-120	+12.0V	2.50A
PA1025-150	+15.0V	1.66A
PA1025-240	+24.0V	1.00A
PA1025-300	+30.0V	0.83A
PA1025-480	+48.0V	0.52A

MECHANICAL DIMENSIONS: 80x53x42MM

