

■ **Features**

- Single output to 3W
- 100-240Vac Universal input
- UL/cUL60950, TUV60950, CE, LVD & LPS
- Frequency: 50-60Hz
- Ripple: 300mV
- SCP, and OVP
- Efficiency Level: VI
- Compact size
- USB output
- Available in white or black color case
- MTBF 80,000 hours



*Product images are for illustrative purposes only and may vary from actual design.

■ **Application**

- Wall mount power supply

■ **Model List**

Custom Designs Available!

Model	Output Voltage	Output Current Min.	Output Current Max.	Power
WM03P6-050-A-USBW	5V	0mA	600mA	3W

■ **Technical Data**

Rated Voltage*	3-15V
Rated Power	3W
Ripple & Noise**	300mV Max
Current Range	0.2-1A (3W Max.)
Total Regulation	+/- 5%
Overshoot/Undershoot	10%
Turn On Delay (Max.)	2s
Hold-up Time	10ms @ 115Vac/60Hz max. load (Typ.)
Rated Voltage	100 ~ 240Vac (90-264 Operating)
Frequency Range	50Hz ~ 60Hz
Efficiency	69.73 % (Min.)
Inrush Current	30A @ 100Vac 60A@230Vac
AC Current (Typ.)	0.1A / 100VAC
Leakage Current	0.25mA (Max.)
Short Circuit	The power supply shall be protected from damage of an accidental short on the output terminal and it shall auto-recover when the fault is removed.
Over Voltage	The power supply shall operate in shut down mode at over voltage protection 110%-200% maximum rating voltage and it shall auto-recover when the fault is removed.

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■ **Technical Data(cont.)**

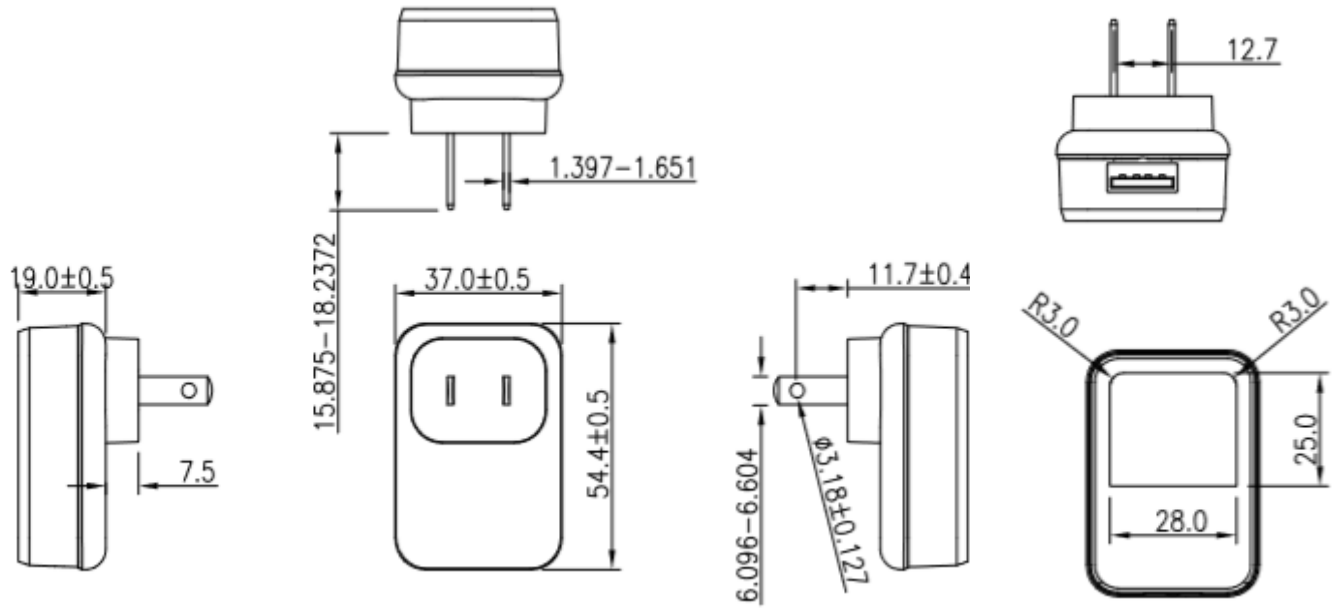
Temperature Range Operational	0°C ~ 40°C
Temperature Range Storage	- 25 ~ +85°C
Humidity Operational	8% ~90% R.H
Humidity Storage	5% ~95% R.H
MTBF	80,000 hours (Measured at 110Vac input, 100% Load and 25°C ambient temperature (MIL-HDBK-217F))
Burn-in	4 Hours (Min.) at 40C (+/-5%) at full load
Dimension (L*W*H)	54 × 40 × 21 mm (+/-0.5mm) – 2.1 × 1.57× 0.8 inch
Weight	87 g
RoHS	Complies with EU Directive 2011/65/EU
WEEE	Complies with EU Directive 2002/96/EC
EISA 2007	Complies with requirements for external power supplies.
EU	Complies with EU Code of Conduct on external power supplies

(*Output voltage tolerance+/-5%)(** Max, Measuring is done by 20MHZ bandwidth oscilloscope and terminated each output with a 10uF aluminum electrolytic capacitor and 0.1uF ceramic capacitor. Full load,25C ambient temperature at 115Vac and 230 Vac)

■ **Safety & EMC**

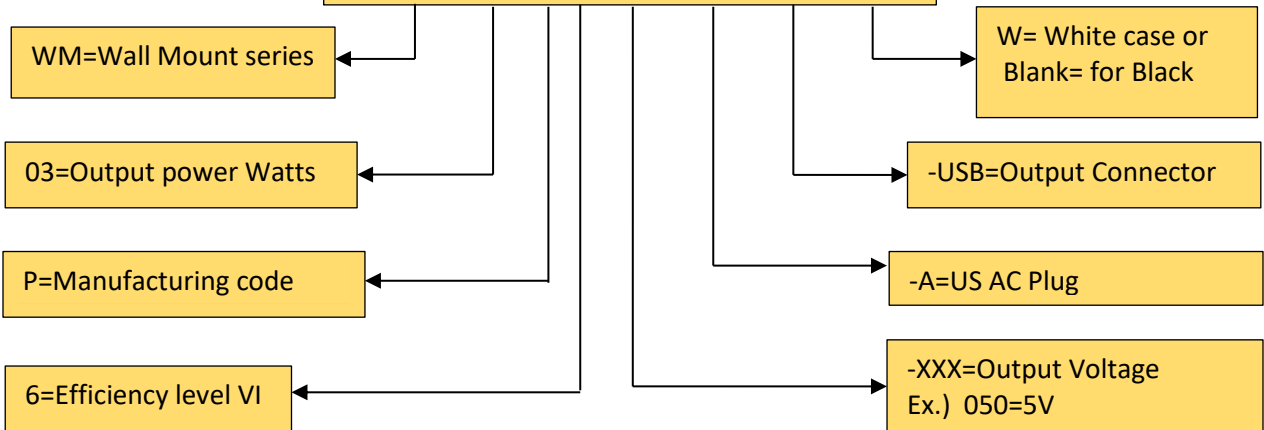
Safety Standards	UL/cUL60950, TUV60950, LVD, LPS &CE
No load Power Dissipation	< 0.1W
Insulation Resistance	Input to output: Min. 50M OHM at 500 VDC.
Dielectric Strength	Primary to Secondary: DC 4242 V , 3.5mA Max , for 3 seconds
Conducted & Radiated EMI	EN 55022 Class B, CISPR22 Class B and FCC part 15 Class B
EMS	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11

■ Mechanical Diagram



Part Number Scheme

WM 03 P 6-XXX-A-USB W



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*Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.