

FEATURES

- Compact Size
- No Y Capacitor Option for Low Leakage
- Universal Input
- Level V & COC V4.0 Efficiency
- White Case Option
- Short Circuit & Over Voltage Protection
- UL/cUL60950, TUV60950, CE, LVD & LPS
- RoHS Compliant

WM03P Series

3W Wallmount Power Supply



SPECIFICATION

Model		WM03P-xx-x-x (See part number builder below)	
Output	Rated Voltage (1)	4.2-12V	
	Rated Power	3W	
	Ripple & Noise (2)	300mVp-p	
	Current Range	0.01-0.6A (3W Max.)	
	Total Regulation	+/- 5%	
	Overshoot/Undershoot	10%	
	Turn On Delay (Max.)	2s	
	Hold-up Time	10ms @ 115Vac/60Hz max. load (Typ.)	
Input	Rated Voltage	100 ~ 240 Vac (90-264 Operating)	
	Frequency Range	50Hz ~ 60Hz	
	Efficiency	68% (Min.)	
	Inrush Current	60A Max. @ 25°C Cold Start.	
	AC Current (Typ.)	0.2 A / 100-240 VAC	
	Leakage Current	0.25mA (Max.)	
Protections	Short Circuit	Hiccup mode, no damage shall occur and the power supply shall restart when the fault condition is removed	
	Over Voltage	Hiccup mode, no damage shall occur and the power supply shall restart when the fault condition is removed	
Environment	Temperature Range	Operational	0°C ~ 40°C
		Storage	- 10 ~ +70°C
	Humidity	Operational	20% ~90% R.H
		Storage	20% ~90% R.H
Safety & EMC	Safety Standards	UL/cUL60950, TUV60950, LVD, LPS &CE	
	No load Power Dissipation	< 0.3W	
	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	

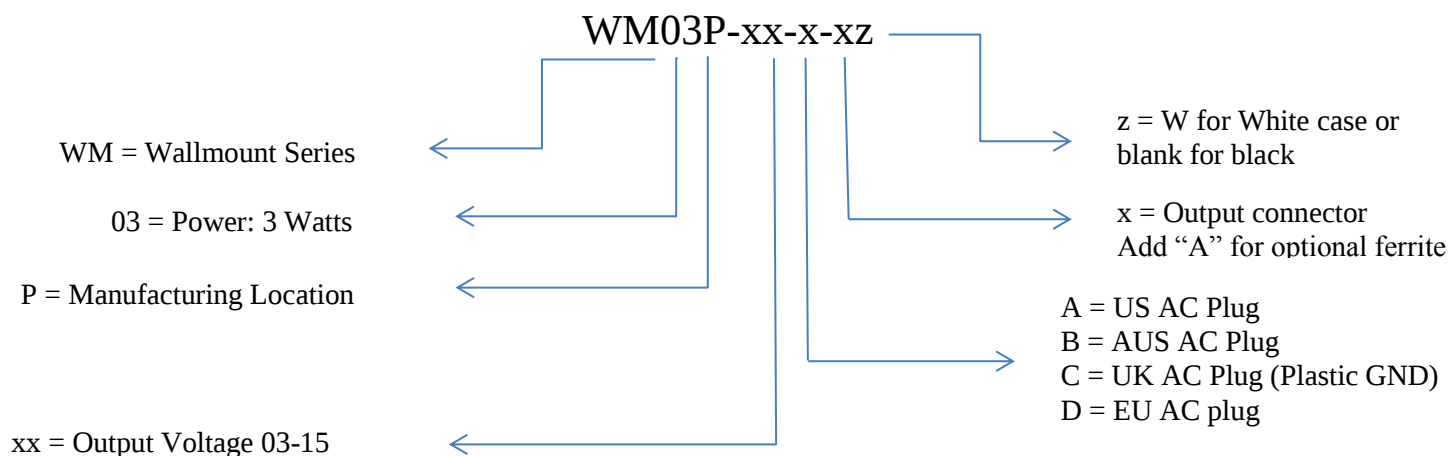


Others	MTBF	50,000 hours (Measured at 110Vac input, 100% Load and 25°C ambient temperature (MIL-HDBK-217F))
	Burn-in	4 Hours (Typ.) at 40C (+/-5%) at full load, cycling
	Dimension (L*W*H)	54 × 40 × 21 mm (+/-0.5mm) – 2.1 × 1.57× 0.8 inch
	Output Cable	1500mm
	Weight	87 g
	RoHS	Complies with EU Directive 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

Notes

1. Output voltage tolerance +/-5%
2. Max., Measuring is done by 20MHz bandwidth oscilloscope and terminated each output with a 22uF aluminum electrolytic capacitor and a 0.1uF ceramic capacitor. Full load, 25C ambient temperature at 115Vac and 230 Vac.

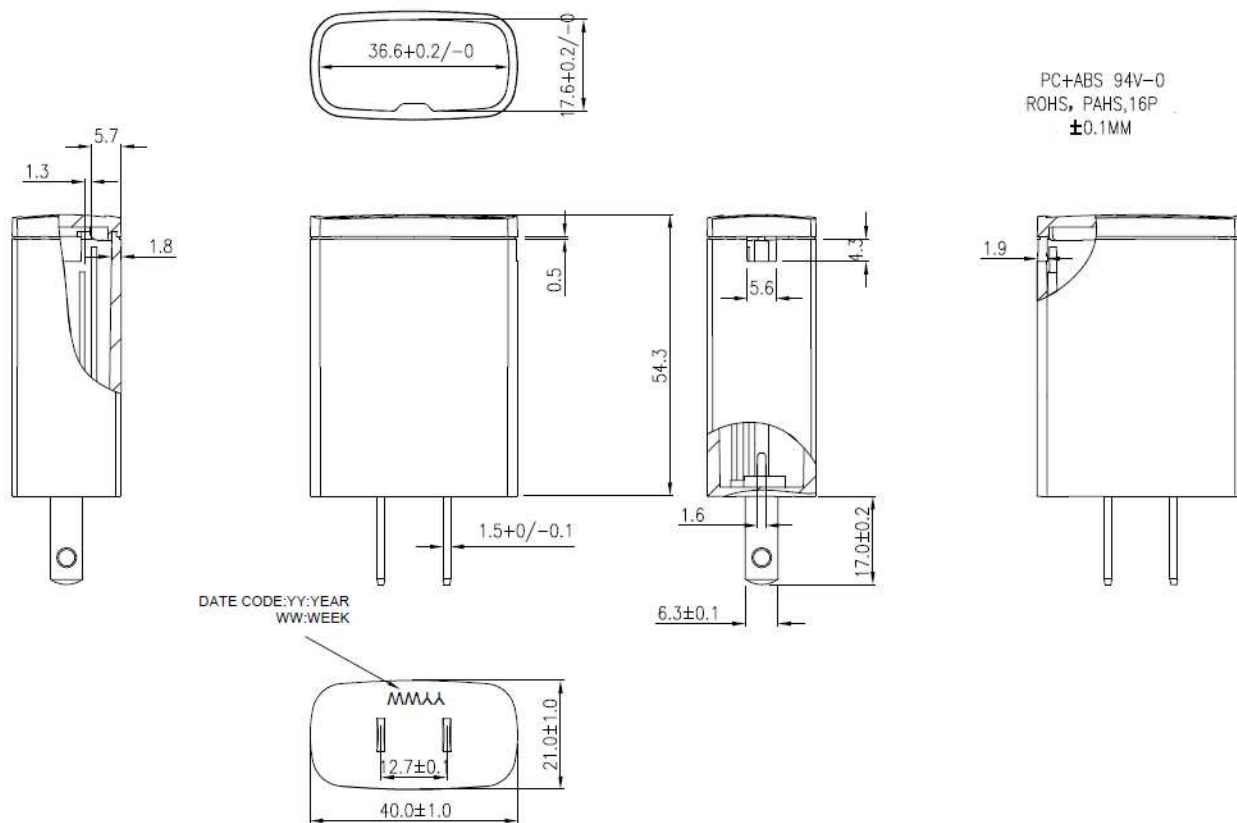
PART NUMBER BUILDER



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Mechanical Specification



Efficiency Curves

