

APS-M70x SERIES:



70 Watts / Single Output

- 5.74 X 2.97 X 1.69" Desktop Package

Features:

- Universal AC Input (90~264 VAC Input Range)
- Approved to UL/EN 60601 3rd Edition
- Possess Risk Analysis Report for MOPP applications
- OVP / OCP Protection Circuits
- EN55011 / EN55022 / EN55024 Class B Emissions
- 2 Year Warranty

INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	100A @ 230 VAC (Max Cold Start)
Input Current	1800mA maximum
Input Protection	Dual Fuse
Hold-Up Time	8ms Minimum
Leakage Current	300µA @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class D Compliant

GENERAL:

Efficiency	83-87% minimum
Operating Temperature	-20°C to 40°C, full load
Storage Temperature	-40°C to +85°C
Cooling	Convection Cooled
Operating Humidity	5-95% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s*s on X,Y and Z Axis
MTBF	>100k Hrs at 25°C Full load

OUTPUT:

Minimum Load	n/a
Line Regulation	±1% max
Load Regulation	±1% max
Ripple & Noise	100mV or ±1% typ. pk-pk @ 20MHz (whichever is greater)
Over Current Protection	>120% of I _{max} (auto-recovery)
Over Voltage Protection	<140% of nominal (latching)

EMC:

Electrostatic Discharge	EN61000-4-2, ±4KV Contact / ±8KV Air Discharge
Radiated Susceptibility	EN61000-4-3, 26-1000MHz, 10V/M, 80% AM
EFT / Bursts	EN61000-4-4, ±2KV
Surges	EN61000-4-5, ±2KV Line-Earth, ±1KV Line-Line
Conducted Immunity	EN61000-4-6, 0.15-800MHz, 10V, 80% AM
Voltage Dips	EN61000-4-10, 95% Dip & 10ms, 30% Dip & 500ms
Voltage Interruptions	EN61000-4-11, 95% reduction, 5s
Fluctuations & Flicker	EN61000-3-3

APPROVALS:

Emissions EN55011 EN55022 / EN55024 Class B

Safety Approvals UL/EN 60601-1:2005 (3rd Edition)
CE Mark (LVD)



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Output Specifications:

Model:	Vout	Output Current	Factory Setpoint Range	Maximum Output Power	Efficiency
APS-M70x-1	5V	7.5A	(5~6VDC Range)	37.5W	83.40%
APS-M70x-1-1	7.5V	6.00	(6~8VDC Range)	45W	86.10%
APS-M70x-2	9V	7.77A	(8~11VDC Range)	60W	87%
APS-M70x-3	12V	5.83A	(11~13VDC Range)	70W	87%
APS-M70x-4	15V	4.67A	(13~16VDC Range)	70W	87%
APS-M70x-5	18V	3.89A	(16~21VDC Range)	70W	87%
APS-M70x-6	24V	2.92A	(21~27VDC Range)	70W	87%
APS-M70x-7	28V	2.50A	(27~33VDC Range)	70W	87%
APS-M70x-8	48V	1.46A	(33~58VDC Range)	70W	87%

- Designate wallmount package by replacing "x" with:

A = IEC-320 C14 Inlet (FIG 1) C = IEC-320 C6 Inlet (FIG 2)

- Consult APS for uniq setpoint voltage
- Additional suffix to designate output connector is required, see connectvior options at <http://advpower.com/dcconnector.pdf>
- Standard Output Cable Length is 6 feet.

Dimensions:

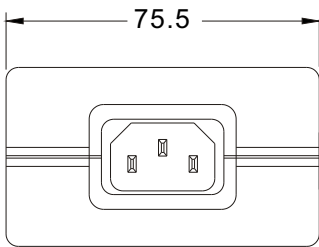


FIG1

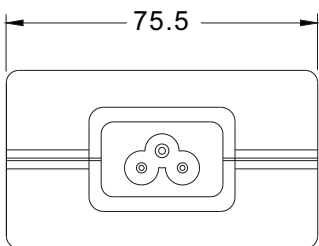
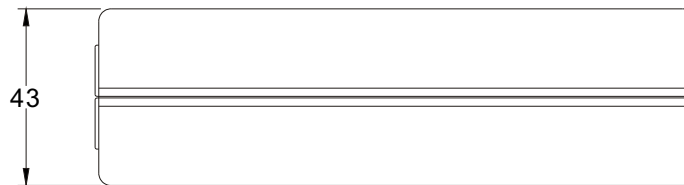


FIG2

