



Features:

- * PCB Mount Encapsulated Switching Power Supply
- * Universal AC Input
- * Worldwide Safety Approvals
- * EN55022 & FCC Class B Emissions
- * CE Mark

Input

Input Voltage Universal (90-264 VAC)
 Input Frequency 47-63Hz
 Inrush Current 32.5A Max
 Input Current 0.33A @ 115 VAC / 0.16A @ 230 VAC Max
 Hold-Up Time 20ms typc @ 115 & 120ms @ 230 VAC / Full Load
 Input Protection External Fuse (1A / 250 VAC)

General

Efficiency 73-75% Typ.
 Switching Frequency 83KHz
 Operating Temperature -10 to +50°C Full Load, de-rate 2.5% per °C up to +71°C
 Storage Temperature -20°C to +85°C
 Cooling Convection Cooled
 Temp Co-Efficient 0.04% per °C
 Toplogy Fixed frequency flyback circuit

Output

Minimum Load Multi Output Models, 20% ov V1 only
 Line Regulation Singles = 0.1% typ. | Duals = 0.5% typ.
 Load Regulation Singles = ± 1% typ. | Duals = ± 2% typ..
 Ripple & Noise 1% typ. pk-pk @ 20MHz
 Overload Protection Power Foldback, auto-recovery
 OverVoltage Protection Latch (V1 Only)
 Adjustment Fixed
 Transient Response voltage returns < 3mS following a 50% load change

EMC & Safety

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL60950-1
 EN60950-1
 CE Mark (LVD)



Model Number

Output

APS16AM-S-030370	3.3V @ 3.70A		
APS16AM-S-050300	5.0V @ 3.00A		
APS16AM-S-090170	9.0V @ 1.70A		
APS16AM-S-120135	12.0V @ 1.35A		
APS16AM-S-150110	15.0V @ 1.10A		
APS16AM-S-240070	24.0V @ 0.70A		
APS16AM-S-480035	48.0V @ 0.35A		
APS16AM-D-033180	+3.3V @ 1.80A	-3.3V @ 1.80A	
APS16AM-D-050150	+5.0V @ 1.50A	-5V @ 1.50	
APS16AM-D-120068	+12V @ 0.68A	-12V @ 0.68A	
APS16AM-D-150055	+15V @ 0.55A	-15V @ 0.55A	
APS16AM-T-5/09	+5V @ 2A	+9V @ 0.40A	-9V @ 0.40A
APS16AM-T-5/12	+5V @ 2A	+12V @ 0.30A	-12V @ 0.30A
APS16AM-T-5/15	+5V @ 2A	+15V @ 0.24A	-15V @ 0.24A
APS16AM-T-5/24	+5V @ 2A	+24V @ 0.16A	-24V @ 0.16A
APS16AM-T-3/05	+3.3V @ 2A+5V @ 0.75A	-5V @ 0.75A	
APS16AM-T-3/12	+3.3V @ 2A+12V @ 0.30A	-12V @ 0.30A	
APS16AM-T-3/15	+3.3V @ 2A+15V @ 0.24A	-15V @ 0.24A	
APS16AM-T-3/5,12	+3.3V @ 2A+5V @ 0.75A	-12V @ 0.30A	
APS16AM-T-3/24	+3.3V @ 2A+24V @ 0.16A	-24V @ 0.16A	

