



### 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
Topology	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	

