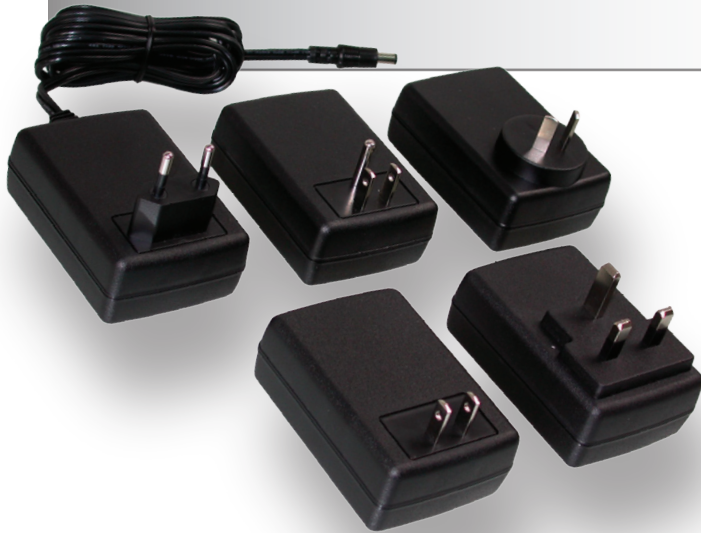


APS25ES SERIES:



25 Watts / Triple Output

- 10.00 x 5.00 x 2.50" Hot-Swap / Blind-Mate Package

Features:

- Universal AC Input
- Active Power Factor Correction
- Hot-Swap / Blind-Mate Functionality
- Internal OR'ing Diodes for Redundant Operation
- Remote Inhibit, Fan Fail & Power Good Signals
- Current Share on all Outputs
- International Safety Approvals
- 2 Year Warranty

INPUT:

Input Voltage	90-264 VAC
Input Frequency	47-63Hz
Inrush Current	28A Max @ 230 VAC Cold Start
Input Current	600mA @ 115 VAC / 300mA @ 230 VAC Typical
Input Protection	Single Fuse
Hold-Up Time	8ms @ 115VAC / 35ms @ 230VAC minimum
Leakage Current	<850µA @ 230 VAC

GENERAL:

Efficiency	71~85% typical
Operating Temperature	0 to 40°C full load, derate 5% per °C to 50°C max.
Storage Temperature	-20°C to +85°C
Cooling	Convection
Temp Co-Efficient	0.04% per °C
Operating Humidity	5-90% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s ² on X,Y and Z Axis
MTBF	>100k Hrs (according to MIL-HBK-217F) at 30°C

OUTPUT:

Minimum Load	None
Line Regulation	±0.1% typ.
Load Regulation	±1.5~3% max
Ripple & Noise	±1% typ. pk-pk @ 20MHz
Overload Protection	125~150%
Over Voltage	Zener Diode Clamp
Adjustment Range	±5% minimum (all outputs)
Transient Response	recovers <3ms following a 25% load change

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	EN55022 "B", FCC Part 15 Subject J Class B
Safety Approvals	UL/cUL 60950
	EN60950
	CE Mark (LVD)

APS25ES SERIES:

Output Specifications:			
Model:	VDC	Current	Setpoint Range Range
APS25ES-033500-x	3.3V	5.00A	3.0~5.0 VDC
APS25ES-050400-x	5.0V	4.00A	3.0~5.0 VDC
APS25ES-060350-x	6.0V	3.50A	5.1~6.0 VDC
APS25ES-090270-x	7.5V	2.70A	7.5~10.0VDC
APS25ES-120240-x	12V	2.40A	10.1~15.0VDC
APS25ES-150200-x	15V	2.00A	10.1~15.0VDC
APS25ES-180166-x	18V	1.66A	15.1~21.4VDC
APS25ES-240150-x	24V	1.50A	21.5~27.6VDC
APS25ES-300120-x	30V	1.20A	27.7~32.7VDC
APS25ES-360100-x	36V	1.00A	32.8~36.0VDC

- Replace "x" with 1, 2, 3 or 4 to designate mechanical package (see drawing below)
- Consult factory for unique voltage setpoints and matching output currents
- Add suffix to part number to designate your DC Output Connector. See "DC Connector Option" for standar options.

MECHANICAL DRAWING:

