

KSAD SERIES:



External / Desktop Package

- Measures only 3.69 x 1.71 x 1.22"

Features:

- Universal AC Input
- UL-94V0 Rated External Desktop Package
- Green Power / CEC Level IV Compliant
- International Safety Approvals
- 2 Year Warranty

INPUT:

Input Voltage	Universal Input (90~264 VAC)
Input Frequency	47-63Hz
Inrush Current	40A @ 240 VAC Cold Start
Input Protection	Single Fuse
Hold-Up Time	20ms @ 80% Load
Leakage Current	<1500µA @ 240 VAC Maximum
Power Factor	EN61000-3-2 Class A Compliant
No Load Input Power	CEC Level IV Compliant

GENERAL:

Efficiency	75% minimum (230 VAC / Full Load)
Operating Temperature	0-40°C Full Load, derate linearly to 50% Load at 50°C
Storage Temperature	-20°C to +80°C
Over-Temp Protection	>80°C Shutdown (Ambient)
Cooling	Convection
Operating Humidity	5-90% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s*s on X,Y and Z Axis
MTBF	>100k Hrs (according to MIL-HBK-217F) at 30°C

OUTPUT:

Setpoint Accuracy	±5%
Minimum Load	none
Regulation	±5% max
Ripple & Noise	±1% typical pk-pk @ 20MHz
Overload Protection	115-140% of max power (Hiccup Mode)
Over Voltage	Latching before 130% of nominal
Short Circuit Protection	Trip without damage & auto-recovery
Overshoot	Turn-on & off overshoot < 5% over nominal voltage

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 60950-1
 CSA22.2 No. 60950-1
 TUV EN60950-1
 PSE, CCC, BEAB



KSAD SERIES:

Output Specifications:

Model:	Output (V)	Output (A)
KSAD0330455T1M2-cc	3.3VDC	4.55A
KSAD0500300T1M2-cc	5VDC	3.00A
KSAD0750200T1M2-cc	7.5VDC	2.00A
KSAD0900167T1M2-cc	9.0VDC	1.67A
KSAD1200125T1M2-cc	12VDC	1.25A
KSAD1350111T1M2-cc	13.5VDC	1.11A
KSAD1500100T1M2-cc	15VDC	1.00A
KSAD1800083T1M2-cc	18VDC	0.83A
KSAD1900079T1M2-cc	19VDC	0.79A
KSAD2000075T1M2-cc	20VDC	0.75A
KSAD2400063T1M2-cc	24VDC	0.63A

- Consult APS for other output voltage requirements
- "cc" is utilized to designate output cable length and connector.
- See APS website for standard connector options (<http://www.advpower.com/dcconnector.pdf>)

OUTLINE DRAWING:

