



ABOUT US

POWER SUPPLIES

BATTERY DOC

PRESS RELEASES

SALES

DESKTOP Dual Output 18 Watt

- A family of dual output, 18 Watt, universal input switching power supplies
- Meets international and domestic safety agency approvals
- Meets international EMI requirements
- Includes "Power On" LED indicator



Ordering Information

Model Number	Nominal Power	Output # 1 DC 1) 2)		Output # 2 DC 3) 4)		Remarks
		W	V, +/- 5%	Max Amps	V, +/- 10%	Max Amps
SDD018-1000	18	+5	1.2	+12	1	b) c) d)
SDD018-1010	18	+24	0.25	+12	1	
SDD018-1020	18	+5	1.2	+12	1	a) b) c) d)

a. Input Voltage Range : 90 - 132Vac, 47 Hz - 63 Hz

b. Ac input: AC cable 18AWG SPT-1 1800 mm with NEMA1-15P (USA 2 pin) plug

c. Output cable: #18AWG UL2464

d. Weight : 240 g

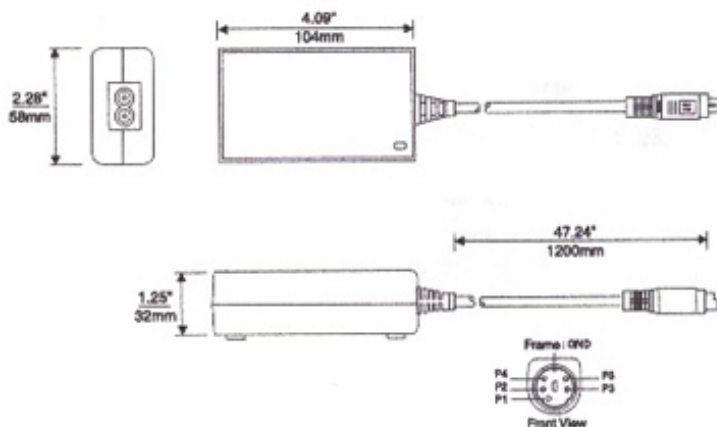
1. Output #1 min load: 16 % of max. current

2. Output #1 peak load: 166 % of max current for Output 1 for 500 ms or less once each second

3. Output #2 min load: 5 % of max. current

4. Output #2 peak load: 160 % of max. current for Output 2 for 200 ms or less once each second

All units can be customized to meet specific needs.

[Download Desktop Dual Output 18 Watt Brochure](#)


SPECIFICATIONS

ELECTRICAL

INPUT

- Universal, 90 - 264Vac, 47-63 Hz, single phase.
- Inrush current:
 - 30A Max @ 115Vac & cold start
 - 60A Max @ 230Vac & cold start

OUTPUT

- Ripple *: 1 % p-p of output voltage measured differentially
- Max startup time : 5 s
- Holdover 16 ms typical

**Ripple voltage measurement is done with an oscilloscope set at 20 MHz bandwidth and output terminated with 0.1 uF ceramic capacitor and 47 uF aluminum capacitor at full load and nominal line*

EFFICIENCY

- 75 % minimum

PROTECTION

- Output short circuit protected
- Over power protection 100%-130% of output peak power

LEAKAGE CURRENT

- Less than 250uA typical

MECHANICAL

- AC socket IEC-320c8
- Output cord: 1.2 m
- Output connector: 5 pin power plug (without ferrite core)
- Pin 1: Output
- Pin 2: Output 1
- Pin 3: Common Return
- Pin 4: Output 1
- Pin 5: Common Return
- Power ON LED indicator: Green
- Case Color: Black
- Dimensions (L x W x H), mm: 104 x 58 x 32
- Weight typical, g: 220

ENVIRONMENTAL

- Operating temperature: 0 to + 40 °C
(at full rated output power with natural convection cooling and in non-restricted environment)
- Storage temperature: -20 to + 85 °C
- Operating Humidity: 10 to 90 %
- Storage Humidity: 5 to 95 %

HI-POT TEST

- Primary to secondary 3000Vac / 1 minute @ 10mA max

EMI COMPLIANCE

- FCC part 15J Class B
- CISPR 22 (EN 55022) Class B

SAFETY APPROVALS

- UL 1950 3rd Edition
- CSA C22.2 no 950 Level 3
- TUV EN 60950 A11
- CE Mark

