

## GS2D-015 SERIES:



15 Watts / Single Output

- 3.78 x 1.72 x 3.54" Desktop Package

### Features:

- Universal AC Input (90~264 VAC Input Range)
- Over Voltage / Current / Temperature Protection Circuits
- International Safety Approvals for Medical Applications
- Class B Emissions
- 2 Year Warranty

### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	60A @ 230 VAC (Max Cold Start)
Input Current	500mA maximum
Input Protection	Dual Fuse
Hold-Up Time	10ms Minimum
Leakage Current	100µA @ 240 VAC Maximum
Harmonics	EN61000-3-2 Class D Compliant

### GENERAL:

Efficiency	60% minimum
Operating Temperature	0-40°C, derate linearly to 50% Load at 50°C
Storage Temperature	-40°C to +70°C
Cooling	Convection Cooled
Operating Humidity	5-95% RH, Non-Condensing
Vibration	5 ~ 50 Hz, acceleration 7.35 m/s*s on X,Y and Z Axis
MTBF	>100k Hrs at 25°C Full load

### OUTPUT:

Minimum Load	n/a
Regulation	±3% max
Ripple & Noise	±1% typ. pk-pk @ 20MHz
Overload Protection	130~160% of I <sub>max</sub> (auto-recovery)
Over Voltage	115~150% of nominal (latching)

### 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 EN55011 Class B

Safety Approvals UL/cUL 60601-1  
TUV/GS EN60601-1  
CE Mark (LVD)



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### Output Specifications:

Model:	Vout	Max Output Current
GS2D-015-050-A	5V	3000mA
GS2D-015-060-A	6V	2500mA
GS2D-015-070-A	7V	2143mA
GS2D-015-080-A	8V	1875mA
GS2D-015-090-A	9V	1667mA
GS2D-015-100-A	10V	1500mA
GS2D-015-120-A	12V	1250mA
GS2D-015-130-A	13V	1153mA
GS2D-015-140-A	14V	1071mA
GS2D-015-150-A	15V	1000mA
GS2D-015-160-A	16V	938mA
GS2D-015-170-A	17V	882mA
GS2D-015-180-A	18V	833mA
GS2D-015-190-A	19V	789mA
GS2D-015-200-A	20V	750mA
GS2D-015-210-A	21V	714mA
GS2D-015-220-A	22V	682mA
GS2D-015-230-A	23V	652mA
GS2D-015-240-A	24V	625mA

- Additional suffix to designate output connector is required, see connector options at <http://advpower.com/dcconnector.pdf>
- Standard Output Cable Length is 6 feet.

