

## PS1012HUB SERIES:



### 12 Watts / Single Output

- 2.64 x 1.67 x 1.06” UL94V-0 Plastic Case

### Features:

- Universal AC Input (90~264 VAC Input Range)
- Horizontal Wallmount Package
- Level VI Efficiencies
- EISA 2007 Compliant (Energy Independence & Security Act)
- Class B Emissions
- International Safety Approvals
- 2 Year Warranty

### INPUT:

Input Voltage	90~264 VAC (Universal AC Input)
Input Frequency	47-63Hz
Inrush Current	40A @ 230 VAC Cold Start (max)
Input Current	400mA maximum
Input Protection	Single Fuse
Hold-Up Time	10ms Minimum
Leakage Current	n/a (no safety ground)
Harmonics	EN61000-3-2 Class A Compliant

### GENERAL:

Efficiency	75-87% Minimum
Operating Temperature	0-40°C, derate linearly to 50% Load at 50°C
Storage Temperature	-20°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 (according to MIL-HBK-217F) at 25°C

### OUTPUT:

Minimum Load	n/a
Line Regulation	±1% max
Load Regulation	±5% max
Ripple & Noise	±1% typ. pk-pk @ 20MHz
Overload Protection	110-135% of max power (Foldback)
Over Voltage	>130% of nominal (aut-recovery)
Short Circuit Protection	Continuous (auto-recovery)

### APPROVALS:

Emissions EN55022 "B", FCC Part 15 Subject J Class B

Safety Approvals cTUVus 60950-1  
 TUV/GS EN60950-1  
 CB EN60950-1  
 CEC Level VI  
 C Tick  
 VCCI  
 CE Mark (LVD)



## PS1012HUB SERIES:

**Output Specifications:**

Model:	Vout	Max Output Current
PS1012-033HUB200	3.3V	2.00A
PS1012-050HUB200	5.0V	2.00A
PS1012-075HUB160	7.5V	1.60A
PS1012-090HUB133	9.0V	1.33A
PS1012-012HUB100	12V	1.00A
PS1012-135HUB089	13.5V	0.89A
PS1012-150HUB080	15V	0.80A
PS1012-180HUB067	18V	0.67A
PS1012-200HUB060	20V	0.60A
PS1012-240HUB050	24V	0.50A
PS1012-280HUB043	28V	0.43A
PS1012-360HUB033	36V	0.33A
PS1012-480HUB025	48V	0.25A

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

**OUTLINE DRAWING:**

