

## OUTPUT POWER

CONTINUOUS POWER	SURGE POWER	NO LOAD POWER	OUTPUT VOLTAGE	OUTPUT CURRENT	WEIGHT LBS.
125W	150W	5W	100	1.2	2
125W	150W	5W	117	1.1	2
125W	150W	5W	230	0.5	2
250W**	300W	6W	100	2.5	5
250W**	300W	6W	117	2.1	5
250W**	300W	7W	230	1.1	5
600W**	1100W	8W	100	6.0	6.5
600W**	1100W	8W	117	5.1	6.5
600W**	1100W	9W	230	2.7	6.5
1100W**	2200W	20W*	100	11.0	10
1100W**	2200W	20W*	117	9.5	10
1100W**	2200W	20W*	230	4.8	10

\*10W with X2 option

\*\*remote switchable

## INPUT POWER

MODEL VOLTAGE	MINIMUM (TYPICAL)	SYSTEM (TYPICAL)	MAXIMUM (TYPICAL)	TYPICAL EFFICIENCY @ FULL POWER	PEAK EFFICIENCY @ 1/3 POWER
12V	10.4/10.6*	13.8V	16.5V	85%	87%
24V	19/21V*	27.6V	33V	87%	89%
32V	26.5/28V*	36.8V	44V	87%	89%
48V	41.5/42.5V	55.2V	62V	87%	89%
66V	57.5/58.5V*	75.9V	91V	88%	90%
108V	94/95V*	125V	149V	88%	90%

\*indicates typical cut-off voltage/warning buzzer voltage

## GENERAL

CONDITIONS	MINIMUM	TYPICAL	MAXIMUM
WAVEFORM	-	SINUSOIDAL	-
VOLTAGE OUTPUT	-5%	NOMINAL	+5%
LINE REGULATION	-	.1%	.5%
LOAD REGULATION	-	.5%	1%
DISTORTION	-	1.5%	2%
FREQUENCY	-1%	NOMINAL	+1%

## MECHANICAL

Case size (WxHxD)

125W case size= 4.93" x 2.00" x 6.80"  
(2 lbs)  
250W case size= 5.23" x 2.77" x 10.38"  
(5 lbs)  
600W case size= 7.70" x 3.60" x 11.77"  
(6.5 lbs)  
1100W case size= 7.70" x 3.60" x 14.77"  
(10 lbs)

## OPTIONS

XP Options:

- conformal coating (X7 option)
- low idle current drain (X2 option)\*
- circuit board with heat sink only (X4 option)

\*1100 watt only

## PROTECTION CIRCUITRY

\*Over Voltage: Shut off at maximum input voltage, per input conditions. Automatic reset upon fault correction.

\*Under Voltage: Shut off at minimum input voltage, per input conditions

\*Thermal: 105 C internal temperature. Warning buzz 5 C before shut off

Output Short: Unit shuts off (manual reset)

\*Automatically reset

## ENVIRONMENTAL

Temperature: -25 to 30 C full power derated above 30 C

Humidity: 5 to 95% non condensing

Altitude: -200 to 10k feet full power, derated above 10k

Audible Noise: Less than 45dbA

Cooling: 600W/1100W Thermostatically controlled forced air. 125W/250W convection cooled.

Finish: Painted aluminum, XP125 anodized aluminum

Warranty: Full year parts labor