

- Industrial & Medical Approvals
- Universal AC Input / Full Range
- Low Leakage Current <200µA
- Protections: Short Circuit / Overload / Over Voltage
- Cooling By Free Air Convection
- UL60601-1/EN60601-1 Medical Safety Approved
- Full Approvals UL/cUL/TUV/CB/CE
- Fixed Switch Frequency at 100 kHz
- 3 Year Warranty



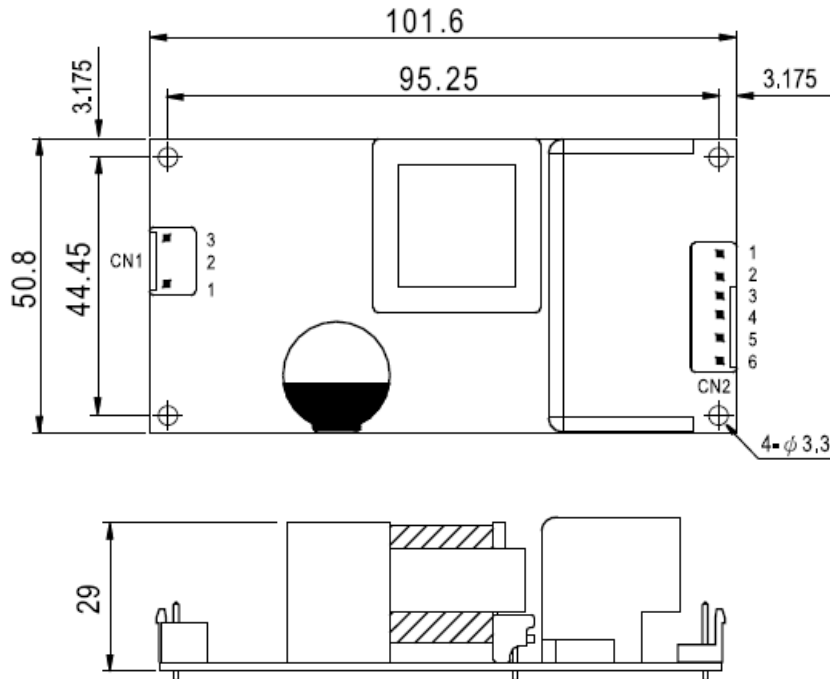
## Specification

Universal AC Input.....	90~264 VAC, 47~63 Hz / 127~370 VDC
Output Voltage.....	See table below, (plus adjustment range).
Over Load Protection.....	115~150% rated output power, hiccup mode (automatic recovery when fault is removed)
Over Voltage Protection.....	Dependant on rated output voltage
Inrush current.....	Cold start: 60 A / 230 VAC, 30A / 115 VAC
Set Up, Rise, Time.....	500 ms, 30 ms / 230 VAC, 500 ms, 30 ms / 115 VAC
Hold Up Time.....	50 ms / 230 VAC, 14 ms / 115 VAC at full load
Isolation Voltage.....	I/P-O/P: 4 kVAC, I/P-FG: 1.5 kVAC, O/P-FG: 1.5 kVAC
Switching Frequency.....	100 kHz (fixed)
Operating Temperature.....	-20 to +70 °C, refer to derating curve above 50 °C
Storage Temperature.....	-40 to +85 °C
Vibration.....	10-500 Hz 2G 10min/1 cycle period for 60 min along X, Y, Z axes
Safety Standard.....	UL60601-1, TUV EN60601-1 EMC Standard EN55011(CISPR11) EN55022 Class B (CISPR22), EN61000-4-2, 3, 4, 5, 6, 8, 11 EN61000-3-2, 3, ENV50204, EN55024, EN60601-1-2 EN61204-3 Medical level criteria A.
Dimensions.....	101.6(L) x 50.8(W) x 29(H) mm
Connections, Input & Output.....	Plug In 3.96 pitch JST VH type
MTBF.....	353.6 khrs (single o/p), 677.8 khrs (dual & triple o/p) (MIL-HDBK-217F) @ 25 °C

## Models and Ratings

Model	Output 1	Output 2	Output 3	Ripple/Noise	Efficiency
RPS-60-3.3	3.3V / 11 A			80 mV	74%
RPS-60-5	5V / 11 A			80 mV	78%
RPS-60-12	12V / 5.5 A			120 mV	81%
RPS-60-15	15V / 4.4 A			150 mV	83%
RPS-60-24	24V / 2.75 A			240 mV	85%
RPS-60-48	48V / 1.375 A			300 mV	86%
RPD-60A	5V / 0.5~5.5 A	12V / 0.1~2.2 A		80/80 mV	78%
RPD-60B	5V / 0.5~3.85 A	24V / 0.1 ~ 1.65 A		80/100 mV	82%
RPT-60A	5V / 0.5~4.4 A	12V / 0.1~2.2 A	-5V / 0.1~0.55 A	80/80/80 mV	77%
RPT-60B	5V / 0.5~4.4 A	12V / 0.1~2.2 A	-12V / 0.1~0.55 A	80/80/100 mV	78%
RPT-60C	5V / 0.5~4.4 A	15V / 0.1~1.65 A	-15V / 0.1~0.55 A	80/100/150 mV	79%
RPT-60D	5V / 0.5~3.85 A	24V / 0.1~1.65 A	12V / 0.1~0.55 A	80/150/80 mV	79%
RPT-6003	3.3V / 0.5~5.5 A	5V / 0.3~3.3 A	12V / 0.1~0.77A	80/80/80 mV	75%

## Mechanical Details

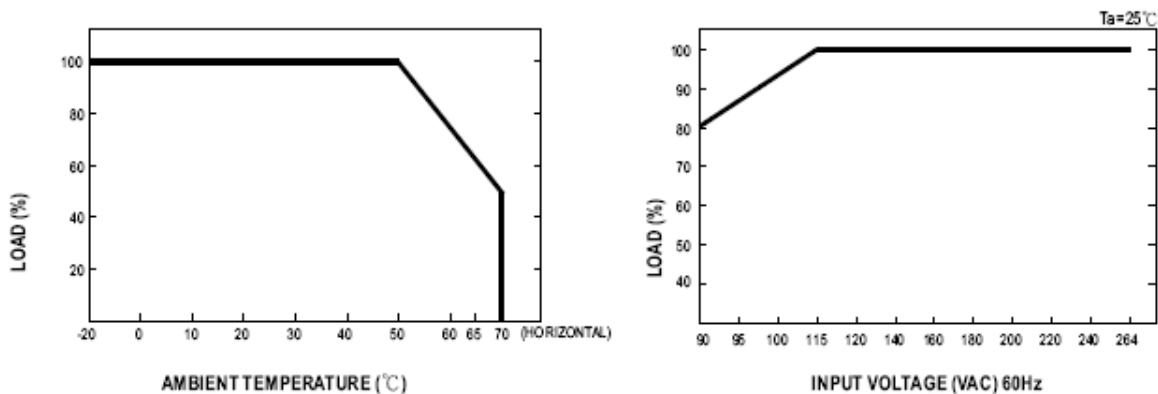


Input Connector CN1	
Pin	Function
1	AC Neutral
2	No pin
3	AC Live

Output Connector CN2			
Pin	Function		
	Single O/P	Dual O/P	Triple O/P
1	+ V	+ V1	+ V1
2	+ V	+ V1	+ V1
3	- V	Com	Com
4	- V	Com	Com
5		+ V2	+ V2
6		N/C	+ V3

Input connector mates with JST VHR or equivalent  
 Output connector mates with JST VHR or equivalent  
 Terminals: SVH-21T-P1.1

## Derating Curves



Specifications can change without notice, E&OE. ALL PSU Terms & Conditions apply.