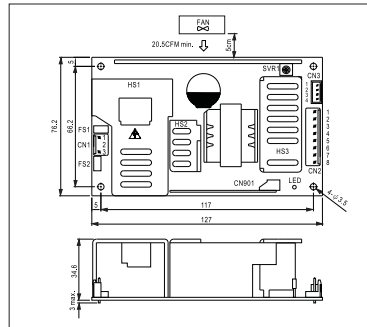


160W Medical Type with PFC Function

- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Free air convection for 110W and 160W with 20.5 CFM forced air (RPS-160); Free air convection for 100W and 150W with 20.5 CFM forced air (RPD / T-160)
- 5"x3" compact size
- With power good and fail signal output
- Built-in remote sense function for 5~15V (RPS-160)
- Standby 5V@0.8A (G model)
- No load power consumption under 0.75W by PS-ON control (G model)
- 3 years warranty



AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 35A at 115VAC, 70A at 230VAC
 DC adjustment range RPS-160: $\pm 10\%$ rated output voltage
 RPD/T-160: 0~+10% for CH1
 Overload protection 105%~135% hiccup mode, auto-recovery
 Over voltage protection CH1: 115%~135% shut off,
 re-power on to recovery
 Leakage current Less than 300uA at 240VAC
 Setup, rise, hold up time 1200ms, 30ms, 16ms at full load and 230VAC
 Withstand voltage I/P - O/P: 4kVAC, I/P - FG: 1.5kVAC, 1 minute
 Working temperature -20°C~70°C (refer to output derating curve)
 Safety standards UL60601-1, TUV EN60601-1 approved
 EMC standards EN55011/EN55022 class B,
 EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3,
 EN60601-1-2, ENV50204,
 EN61000-6-2 (RPS(G)-160)
 Connection 3+8+2(4)P/3.96mm pitch JST B3P / B8P-VH,
 B2B (B4B)-XH

❖ Single Output

Model No.	Output	Tol.	R&N	Effi.
RPS□-160-5	5V, 0~30.0A	$\pm 4\%$	100mV	85%
RPS□-160-12	12V, 0~12.9A	$\pm 3\%$	100mV	87%
RPS□-160-15	15V, 0~10.3A	$\pm 3\%$	120mV	87%
RPS□-160-24	24V, 0~6.5A	$\pm 2\%$	150mV	87%
RPS□-160-48	48V, 0~3.25A	$\pm 2\%$	250mV	88%

❖ Dual Output

Model No.	Output	Tol.	R&N	Effi.	Max.
RPD□-160B	5V, 1.0~12A	$\pm 2.5\%$	80mV	84%	150W
	24V, 0.2~3.6A	$\pm 6\%$	200mV		

❖ Triple Output

Model No.	Output	Tol.	R&N	Effi.	Max.
RPT□-160A	5V, 0.6~14A	$\pm 2\%$	100mV	84%	141W
	12V, 0.2~5.5A	$\pm 5\%$	120mV		
	-5V, 0.1~1.0A	-5%, +7%	120mV		
RPT□-160B	5V, 0.6~14A	$\pm 2\%$	100mV	84%	142W
	12V, 0.2~5.0A	$\pm 5\%$	120mV		
	-12V, 0.1~1.0A	-4%, +5%	120mV		
RPT□-160C	5V, 0.6~14A	$\pm 2\%$	100mV	83%	139W
	15V, 0.1~3.6A	$\pm 4\%$	150mV		
	-15V, 0.1~1.0A	-5%, +7%	150mV		
RPT□-160D	5V, 0.3~11A	$\pm 2\%$	100mV	83%	144W
	12V, 0.2~5.0A	$\pm 5\%$	120mV		
	24V, 0.15~1.2A	$\pm 4\%$	200mV		

□ = blank, G; blank: basic function, G: with 5Vsb/0.8A & no load power consumption < 0.75W