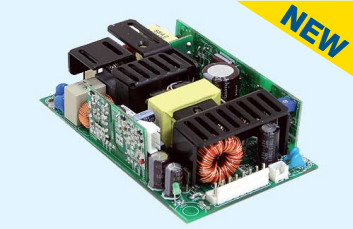
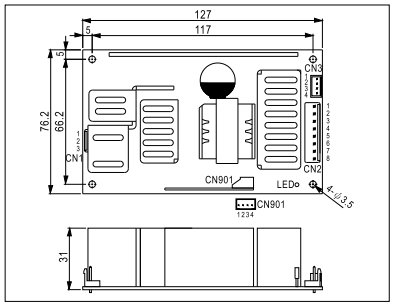
160W Medical Type with PFC Function

- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Free air convection for 105W 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@1A function (Optional)
- No load power consumption under 0.75W by PS-ON control (Optional)
- 3 years warranty

UL / CUL / TUV / CB / CE pending



127x 76.2x 33mm



AC input voltage range .....90~264VAC; 127~370VDC
AC inrush current .....Cold start, 35A at 115VAC, 70A at 230VAC
DC adjustment range .....RPS-160: ±10% rated output voltage
RPD/T-160: -5%~+10% for CH1
Overload protection .....105~135% hiccup mode, auto-recovery
Over voltage protection .....CH1: 115%~135% shut off, re-power on to recover
Leakage current .....Less than 200uA at 240VAC
Setup, rise, hold up time .....500ms, 30ms, 16ms at full load and 230VAC
Withstand voltage .....I/P - O/P: 4KVAC, I/P - FG: 1.5KVAC, 1 minute
Working temperature .....-20ºC~70ºC (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
Connection .....3+8+2(4)P/3.96mm pitch JST B3P / B8P-VH,
B2B (B4B)-XH

❖ Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
12841	RPS-160-5	5V, 0~30.0A	±2%	100mV	85%
12842	RPS-160-12	12V, 0~12.9A	±1%	100mV	87%
12843	RPS-160-15	15V, 0~10.3A	±1%	100mV	87%
12844	RPS-160-24	24V, 0~6.5A	±1%	150mV	87%
12845	RPS-160-48	48V, 0~3.25A	±1%	250mV	88%

❖ Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12851	RPD-160B	5V, 1.0~12A	±2%	80mV	85%	151W
		24V, 0.2~3.6A	±6%	200mV		

❖ Triple Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
12861	RPT-160A	5V, 0.6~14A	±2%	80mV	84%	146W
		12V, 0.2~5.5A	±5%	120mV		
		-5V, 0.1~1.0A	-5%,+7%	120mV		
12862	RPT-160B	5V, 0.6~14A	±2%	80mV	84%	147W
		12V, 0.2~5.0A	±5%	180mV		
		-12V, 0.1~1.0A	-4%,+7%	120mV		
12863	RPT-160C	5V, 0.6~14A	±2%	100mV	83%	144W
		15V, 0.1~3.6A	±4%	150mV		
		-15V, 0.1~1.0A	-5%,+7%	150mV		
12864	RPT-160D	5V, 0.3~11A	±2%	100mV	84%	148W
		12V, 0.2~5.0A	±7%	120mV		
		24V, 0.15~1.2A	±7%	200mV		