

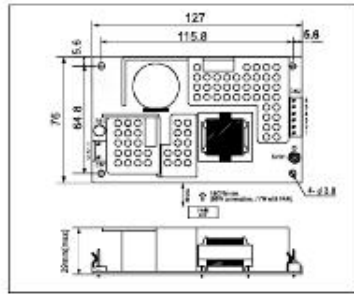
65W 2~3 Output Switching Power Supply

- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 12V or 24V high peak current capability
- 60~65W free air convection, 77~80W with 18 CFM forced air
- Low leakage current < 1mA
- 100% full load burn-in test
- **Optional case available**
- 2 years warranty capability

UL US CB CE



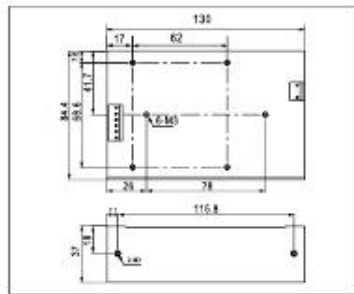
127x 76x 29 mm



▶ With Optional Case



130x 84.4x 37 mm



- AC input voltage range 90~264VAC; 120~370VDC
 AC inrush current Cold start, 25A at 115VAC, 50A at 230VAC
 DC adjustment range CH1 12V: 11.4~12.8V, 24V: 22.8~26.4V
 Overload protection 90~125W hiccup mode, auto-recovery
 Over voltage protection CH1: 115%~135% rated output voltage
 Leakage current Less than 1mA at 240VAC
 Setup, rise, hold up time 800ms, 20ms, 20ms at full load and 230VAC
 Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1minute
 Working temperature -20~60°C (refer to output derating curve)
 Safety standards UL60950-1, TUV EN60950-1 approved
 EMC standards EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204
 Connection 3P, 6P/ 3.96mm pitch, Molex P/N: 5273-03, 5273-06
 Packing 0.24kg ; 63pcs / 16.0kg / 1.35CUFT

◆ Dual Output

Model No.	Output	Tol.	R&N	Effi.	Max.
RPD-65C	12V, 0~5.8A	±2%	120mV	79%	60W
	5V, 0~1.5A	±5%	50mV		
RPD-65D	24V, 0~2.9A	±2%	150mV	81%	60W
	5V, 0~1.5A	±5%	50mV		

◆ Triple Output

Model No.	Output	Tol.	R&N	Effi.	Max.
RPT-65E	12V, 0.18~5.8A	±2%	120mV	77%	63W
	5V, 0.0~1.5A	±5%	100mV		
	-5V, 0.0~0.7A	±5%	120mV		
RPT-65F	12V, 0.18~5.8A	±2%	150mV	77%	66W
	5V, 0.0~1.5A	±5%	100mV		
	-12V, 0.0~0.7A	±5%	150mV		
RPT-65G	24V, 0.09~2.9A	±2%	150mV	81%	66W
	5V, 0.0~1.5A	±5%	50mV		
	12V, 0.0~0.7A	±5%	100mV		

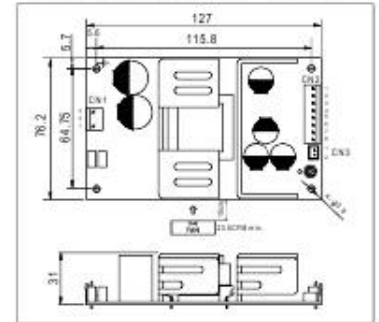
75W 1~3 Output Medical Type

- Universal AC input / Full range
- Medical safety approved
- Protections: Short circuit / Overload / Over voltage
- No load power consumption < 0.75W (single output models only)
- Low leakage current < 200uA
- Fixed switching frequency at 65kHz
- **Free air convection for 75W and 100W with 23.5CFM forced air**
- 3 years warranty
- **Suitable for medical & IT applications**

UL US CB CE



127x 76.2x 31 mm



- AC input voltage range 90~264VAC; 127~370VDC
 AC inrush current Cold start, 25A at 115VAC, 50A at 230VAC
 DC adjustment range CH1: -5 ~ +10% rated output voltage
 Overload protection 140~180% hiccup mode, auto-recovery
 Over voltage protection CH1: 115%~135% rated output voltage
 Leakage current Less than 200uA at 264VAC
 Setup, rise, hold up time 500ms, 30ms, 80ms 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, EN61000-3-2,-3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61000-6-2, EN60601-1-2, EN61204-3 medical level
 Connection 3+8P / 3.96mm pitch, JST P/N: B3P / B8P-VH
 Packing 0.23kg ; 63pcs / 15.5kg / 1.35CUFT

◆ Single Output

Model No.	Output	Tol.	R&N	Effi.
RPS-75-3.3	3.3V, 0~20A	±2%	80mV	73%
RPS-75-5	5V, 0~18.7A	±2%	80mV	78%
RPS-75-12	12V, 0~8.3A	±1%	120mV	82%
RPS-75-15	15V, 0~6.7A	±1%	150mV	83%
RPS-75-24	24V, 0~4.2A	±1%	240mV	85%
RPS-75-36	36V, 0~2.8A	±1%	300mV	86%
RPS-75-48	48V, 0~2.1A	±1%	300mV	86%

◆ Dual Output

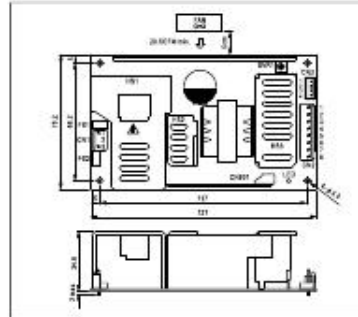
Model No.	Output	Tol.	R&N	Effi.	Max.
RPD-75A	5V, 1.0~9.5A	±2%	80mV	77%	96W
	12V, 0.3~4.0A	±6%	120mV		
RPD-75B	5V, 1.0~6.8A	±2%	80mV	79%	99W
	24V, 0.2~2.7A	±6%	200mV		

◆ Triple Output

Model No.	Output	Tol.	R&N	Effi.	Max.
RPT-75A	5V, 0.6~8.0A	±2%	80mV	76%	93W
	12V, 0.2~4.0A	±6%	120mV		
	-5V, 0.1~1.0A	±5%	120mV		
RPT-75B	5V, 0.6~8.0A	±2%	80mV	77%	100W
	12V, 0.2~4.0A	±6%	120mV		
	-12V, 0.1~1.0A	±5%	120mV		
RPT-75C	5V, 0.6~8.0A	±2%	80mV	77%	100W
	15V, 0.1~3.0A	±8%	150mV		
	-15V, 0.1~1.0A	±5%	150mV		
RPT-75D	5V, 0.6~7.0A	±2%	80mV	79%	95W
	24V, 0.1~2.0A	±8%	200mV		
	12V, 0.1~1.0A	±8%	120mV		
RPT-7503	3.3V, 0.7~7.0A	±4%	80mV	74%	81W
	5V, 0.0~8.0A	±6%	120mV		
	12V, 0.0~1.5A	+10%, -6%	120mV		

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