



Features

- All using 105°C long life electrolytic capacitors
- Protections: Short circuit / OLP / OVP
- Meet EMS EN50082-2/EN61000-6-2 heavy industry level (35~150W)
- Withstand 300VAC surge input for 5 sec.
- High operating temperature up to 70°C
- Withstand 5G vibration test
- Miniature size, high power density
- High efficiency, long life and high reliability
- 100% full load burn-in test
- Suitable for critical applications
- 3 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Model No.	RS-15 NEW	RS-25	RS-35 RD-35	RS-50 RD / ID / T / Q-50	RS-75 RD / ID / T / Q-65	RS-100 RD / ID / T / Q-85	RS-150 RD / ID / T / Q-125
AC input voltage range	88~264VAC universal input						115 / 230VAC by switch
AC inrush current (max.)	Cold start, 50A at 230VAC	Cold start, 40A at 230VAC					50A at 230VAC
DC adjustment range	±10% by potential meter for single output; CH1 -5%~+10% by potential meter for multiple output						
Overload protection	>105%	110%~180%	110%~150% hiccup mode, auto-recovery (150% ~190% for RID-125-1205/2405)				
Over voltage protection	115%~135%, Shut off	115%~135% rated output voltage, hiccup mode, auto-recovery					
Withstand voltage	I/P - O/P: 3KVAC, I/P - FG: 1.5KVAC, O/P - FG: 0.5KVAC, 1 minute						
Working temperature	-20°C~+70°C (refer to the derating curve for different models)						
Vibration	10~500Hz, 5G 10min/1 cycle, period for 60 min each along X, Y, Z axes						
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, EN61000-6-2 (EN50082-2) (35~150W)						
Connection	Terminal block for input and output						
Dimension (L*W*H)(mm)	62.5x 51x 28	79x 51x 28	99x 82x 35	99x 97x 36	129x 98x 38	159x 97x 38	199x 98x 38
Case No.	971A	931	932	905	903	901	902
Packing	108pcs / 15.0kg	60pcs / 13.0kg	45pcs / 14.0kg	45pcs / 19.5kg	30pcs / 14.2kg	24pcs / 15.4kg	20pcs / 15.4kg

15W — Single Output **NEW**

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10621	RS-15-3.3	3.3V, 0~3.0A	±3%	80mV	72%
10622	RS-15-5	5V, 0~3.0A	±2%	80mV	77%
10623	RS-15-12	12V, 0~1.3A	±1%	120mV	81%
10624	RS-15-15	15V, 0~1.0A	±1%	120mV	81%
10625	RS-15-24	24V, 0~0.625A	±1%	200mV	82%
10626	RS-15-48	48V, 0~0.313A	±1%	200mV	82%

10754	RS-50-15	15V, 0~3.4A	±1%	120mV	83%
10755	RS-50-24	24V, 0~2.2A	±1%	120mV	84%
10756	RS-50-48	48V, 0~1.1A	±1%	200mV	86%

75W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10761	RS-75-3.3	3.3V, 0~15A	±3%	80mV	71%
10762	RS-75-5	5V, 0~12A	±2%	80mV	76%
10763	RS-75-12	12V, 0~6.0A	±1%	120mV	81%
10764	RS-75-15	15V, 0~5.0A	±1%	120mV	82%
10765	RS-75-24	24V, 0~3.2A	±1%	120mV	85%
10766	RS-75-48	48V, 0~1.6A	±1%	200mV	86%

25W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10731	RS-25-3.3	3.3V, 0~6.0A	±3%	80mV	72%
10732	RS-25-5	5V, 0~5.0A	±2%	80mV	77%
10733	RS-25-12	12V, 0~2.1A	±1%	120mV	79%
10734	RS-25-15	15V, 0~1.7A	±1%	120mV	82%
10735	RS-25-24	24V, 0~1.1A	±1%	120mV	84%
10736	RS-25-48	48V, 0~0.57A	±1%	200mV	85%

100W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10771	RS-100-3.3	3.3V, 0~20A	±3%	80mV	74%
10772	RS-100-5	5V, 0~16A	±2%	80mV	77%
10773	RS-100-12	12V, 0~8.5A	±1%	120mV	81%
10774	RS-100-15	15V, 0~7.0A	±1%	120mV	82%
10775	RS-100-24	24V, 0~4.5A	±1%	120mV	84%
10776	RS-100-48	48V, 0~2.3A	±1%	200mV	84%

35W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10741	RS-35-3.3	3.3V, 0~7.0A	±3%	80mV	73%
10742	RS-35-5	5V, 0~7.0A	±2%	80mV	77%
10743	RS-35-12	12V, 0~3.0A	±1%	120mV	81%
10744	RS-35-15	15V, 0~2.4A	±1%	120mV	83%
10745	RS-35-24	24V, 0~1.5A	±1%	120mV	84%
10746	RS-35-48	48V, 0~0.8A	±1%	200mV	84%

150W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10781	RS-150-3.3	3.3V, 0~30A	±3%	80mV	74%
10782	RS-150-5	5V, 0~26A	±2%	80mV	78%
10783	RS-150-12	12V, 0~12.5A	±1%	120mV	83%
10784	RS-150-15	15V, 0~10A	±1%	120mV	84%
10785	RS-150-24	24V, 0~6.5A	±1%	120mV	86%
10786	RS-150-48	48V, 0~3.3A	±1%	200mV	87%

50W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10751	RS-50-3.3	3.3V, 0~10A	±3%	80mV	72%
10752	RS-50-5	5V, 0~10A	±2%	80mV	78%
10753	RS-50-12	12V, 0~4.2A	±1%	120mV	81%

35W — Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10791	RD-35A	5V, 0.3~4.0A	±2%	80mV	72%	32W
		12V, 0.2~1.0A	±6%	120mV	77%	
10792	RD-35B	5V, 0.3~4.0A	±2%	80mV	79%	35W
		24V, 0.2~1.3A	±5%	120mV	82%	
10793	RD-3513	13.5V, 0.3~2.0A	±4%	120mV	84%	35W
		-13.5V, 0.2~0.57A	±4%	120mV	85%	

50W — Dual Output (Output isolated for RID-50A/B)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10801	RD-50A	5V, 0.3~6.0A	±2%	80mV	79%	54W
		12V, 0.3~3.0A	±7%	120mV		
10802	RD-50B	5V, 0.3~6.0A	±2%	80mV	80%	54W
		24V, 0.2~2.0A	+8%, -4%	120mV		

65W — Dual Output (Output isolated for RID-65A/B)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10811	RD-65A	5V, 0.3~8.0A	±2%	80mV	79%	66W
		12V, 0.2~4.0A	±6%	120mV		
10812	RD-65B	5V, 0.3~8.0A	±2%	80mV	78%	68W
		24V, 0.2~3.0A	+4%, -6%	150mV		

85W — Dual Output (Output isolated for RID-65A/B)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10821	RD-85A	5V, 2.0~10A	±2%	80mV	78%	88W
		12V, 0.3~5.0A	±5%	120mV		
10822	RD-85B	5V, 2.0~10A	±2%	80mV	80%	88W
		24V, 0.3~2.5A	±5%	150mV		

125W — Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10831	RD-125A	5V, 2.0~15A	±5%	80mV	82%	131W
		12V, 0.5~10A	±7%	120mV		
10832	RD-125B	5V, 2.0~10A	±5%	80mV	85%	133W
		24V, 0.4~5.0A	±7%	150mV		

125W — Dual Output (Output isolated for RID-125)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10833	RD-125-1224	12V, 1.0~7.0A	±2%	120mV	85%	133W
		24V, 0.4~5.0A	+8%, -5%	200mV		
*10834	RD-125-2412	24V, 0.5~5.0A	±2%	200mV	85%	133W
		12V, 1.0~7.0A	±10%	120mV		
10835	RD-125-1248	12V, 1.0~7.0A	±2%	120mV	85%	138W
		48V, 0.2~2.5A	+8%, -5%	240mV		
*10836	RD-125-4812	48V, 0.3~2.5A	±2%	240mV	85%	138W
		12V, 1.0~7.0A	±10%	120mV		
10837	RD-125-2448	24V, 0.5~4.0A	±1%	200mV	86%	144W
		48V, 0.2~2.5A	±4%	240mV		
*10838	RD-125-4824	48V, 0.3~2.5A	±1%	240mV	86%	144W
		24V, 0.5~4.0A	±8%	240mV		
NEW 10994	RID-125-1205	12V, 2.0~10.5A	±2%	120mV	80%	125W
NEW 10995	RID-125-2405	5V, 0.0~3.0A	±3%	80mV		
		24V, 2.0~5.3A	±2%	120mV	83%	125W
		5V, 0.0~3.0A	±3%	80mV		

*Modified models

50W — Quad Output (RT-50 without -5V or -12V output)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10881	RQ-50B	5V, 0.5~6.0A	±2%	80mV	74%	46W
		12V, 0.2~1.5A	±6%	120mV		
		-5V, 0.0~1.0A	±2%	100mV		
10882	RQ-50C	5V, 0.5~6.0A	±2%	80mV	75%	50W
		15V, 0.2~1.5A	±6%	120mV		
		-5V, 0.0~1.0A	±2%	100mV		
10883	RQ-50D	5V, 0.5~6.0A	±6%	80mV	79%	53W
		12V, 0.2~1.5A	±6%	120mV		
		24V, 0.1~1.0A	+7%, -5%	180mV		
		-12V, 0.0~1.0A	±2%	80mV		

65W — Quad Output (RT-65 without -5V or -12V output)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10891	RQ-65B	5V, 0.5~8.0A	±2%	80mV	76%	63W
		12V, 0.2~3.0A	+7%, -5%	120mV		
		-5V, 0.0~1.0A	±5%	80mV		
10892	RQ-65C	5V, 0.5~8.0A	±2%	80mV	76%	65W
		15V, 0.2~3.0A	+8%, -4%	120mV		
		-5V, 0.0~1.0A	±5%	80mV		
10893	RQ-65D	5V, 0.5~8.0A	±2%	80mV	78%	68W
		12V, 0.2~3.0A	±6%	120mV		
		24V, 0.1~1.5A	±8%	180mV		
		-12V, 0.0~1.0A	±5%	80mV		

85W — Quad Output (RT-85 without -5V or -12V output)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10901	RQ-85B	5V, 2.0~10A	±2%	80mV	76%	81W
		12V, 0.3~4.0A	+7%, -3%	120mV		
		-5V, 0.0~1.0A	±8%	100mV		
10902	RQ-85C	5V, 2.0~10A	±2%	80mV	77%	83W
		15V, 0.3~4.0A	+3%, -7%	120mV		
		-5V, 0.0~1.0A	±8%	100mV		
10903	RQ-85D	5V, 2.0~10A	±2%	80mV	78%	84W
		12V, 0.3~4.0A	+7%, -3%	120mV		
		24V, 0.1~1.5A	±8%	150mV		
		-12V, 0.0~1.0A	±5%	80mV		

125W — Quad Output (RT-125 without -5V or -12V output)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10911	RQ-125B	5V, 2.0~12A	±2%	80mV	79%	120W
		12V, 0.5~4.5A	+8%, -3%	120mV		
		-5V, 0.1~1.0A	+6%, -10%	80mV		
10912	RQ-125C	5V, 2.0~12A	±2%	80mV	80%	123W
		15V, 0.5~4.0A	+8%, -3%	120mV		
		-5V, 0.1~1.0A	+6%, -10%	80mV		
10913	RQ-125D	5V, 2.0~12A	±2%	80mV	82%	124W
		12V, 0.5~4.0A	+8%, -3%	120mV		
		24V, 0.1~2.5A	±8%	150mV		
		-12V, 0.0~1.0A	±5%	80mV		