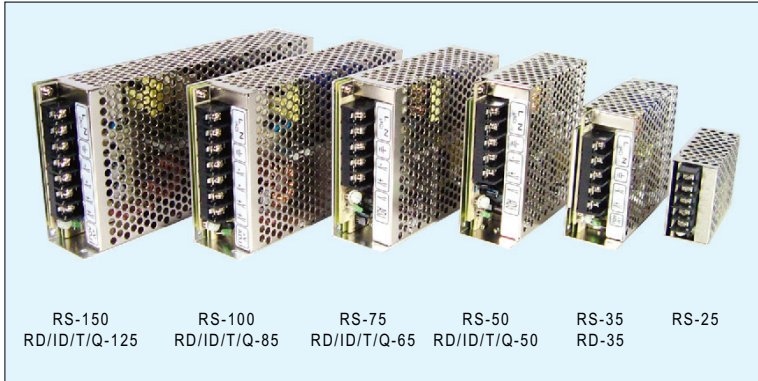


# G3 Series

25~150W High Reliability Miniature 1~4 Output



## 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 seconds
- 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](http://www.meanwell.com) for detail spec.)



MODEL No.	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
<b>AC input voltage range</b>	88~264VAC universal input					115/230VAC by switch
<b>AC inrush current (max.)</b>	Cold start, 40A at 230VAC					50A at 230VAC
<b>DC adjustment range</b>	±10% by potential meter for single output; CH1 -5%~+10% by potential meter for multiple output					
<b>Overload protection</b>	110%~180%	110%~150% hiccup mode, auto-recovery (150% ~190% for RID-125-1205/2405)				
<b>Over voltage protection</b>	115%~135% rated output voltage, hiccup mode, auto-recovery					
<b>Withstand voltage</b>	I/P - O/P: 3KVAC, I/P - FG: 1.5KVAC, O/P - FG: 0.5KVAC, 1 minute					
<b>Working temperature</b>	-20 ~ +70°C (refer to the derating curve for different models)					
<b>Vibration</b>	10~500Hz, 5G 10min/1 cycle, period for 60 min each along X, Y, Z axes					
<b>Safety standards</b>	UL60950-1, TUV EN60950-1 approved					
<b>EMC standards</b>	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204, EN61000-6-2 (EN50082-2) (35~150W)					
<b>Connection</b>	Terminal block for input and output					
<b>Dimension (L*W*H)(mm)</b>	79x51x28	99x82x35	99x97x36	129x98x38	159x97x38	199x98x38
<b>Case No.</b>	931	932	905	903	901	902
<b>Packing</b>	60pcs/13kg	45pcs/14.0kg	45pcs/19.5kg	30pcs/14.2kg	24pcs/15.4kg	20pcs/15.4kg

## 25W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10731	RS-25-3.3	3.3V, 0~6A	±3%	80mV	72%
10732	RS-25-5	5V, 0~5A	±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%

## 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, 0~6A	±1%	120mV	81%
10764	RS-75-15	15V, 0~5A	±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%

## 35W — Single Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.
10741	RS-35-3.3	3.3V, 0~7A	±3%	80mV	73%
10742	RS-35-5	5V, 0~7A	±2%	80mV	77%
10743	RS-35-12	12V, 0~3A	±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%

## 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%

## 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%
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%

## 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%

# G3 Series



## 35W — Dual Output

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10791	RD-35A	5V, 0.3~4.0A	±2%	80mV	79%	32W
		12V, 0.2~1.0A	±6%	120mV		
10792	RD-35B	5V, 0.3~4.0A	±2%	80mV	82%	35W
		24V, 0.2~1.3A	±5%	120mV		
10793	RD-3513	13.5V, 0.3~2.0A	±4%	120mV	80%	35W
		-13.5V, 0.2~1.5A	±4%	120mV		

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

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10801	RD-50A	5V, 0.3~6A	±2%	80mV	79%	54W
		12V, 0.3~3A	±7%	120mV		
10802	RD-50B	5V, 0.3~6A	±2%	80mV	80%	54W
		24V, 0.2~2A	+8%, -4%	150mV		

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

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10811	RD-65A	5V, 0.3~8A	±2%	80mV	79%	66W
		12V, 0.2~4A	±6%	120mV		
10812	RD-65B	5V, 0.3~8A	±2%	80mV	78%	68W
		24V, 0.2~3A	+4%, -6%	150mV		

## 85W — Dual Output (Output isolated for RID-85A/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%	120mV		

## 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%	120mV		

## 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		
<b>NEW</b> 10994	RID-125-1205	12V, 2~10.5A	±2%	120mV	78%	125W
		5V, 0~3A	±3%	80mV		
<b>NEW</b> 10995	RID-125-2405	24V, 2~5.3A	±2%	120mV	81%	125W
		5V, 0~3A	±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	-12V, 0.0~1.0A	±2%	80mV		
		5V, 0.5~6A	±2%	80mV	75%	50W
		15V, 0.2~1.5A	±6%	120mV		
10883	RQ-50D	-5V, 0.0~1.0A	±2%	100mV		
		-15V, 0.0~1.0A	±2%	80mV		
		5V, 0.5~6.0A	±2%	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	-12V, 0.0~1.0A	±5%	80mV		
		5V, 0.5~8.0A	±2%	80mV	76%	65W
		15V, 0.2~3.0A	+8%, -4%	120mV		
10893	RQ-65D	-5V, 0.0~1.0A	±5%	80mV		
		-15V, 0.0~1.0A	±5%	80mV		
		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	-12V, 0.0~1.0A	±5%	80mV		
		5V, 2.0~10A	±2%	80mV	77%	83W
		15V, 0.3~4.0A	+3%, -7%	120mV		
10903	RQ-85D	-5V, 0.0~1.0A	±8%	100mV		
		-15V, 0.0~1.0A	±5%	80mV		
		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	-12V, 0.0~1.0A	±5%	80mV		
		5V, 2.0~12A	±2%	80mV	80%	123W
		15V, 0.5~4.0A	+8%, -3%	120mV		
10913	RQ-125D	-5V, 0.1~1.0A	+6%, -10%	80mV		
		-15V, 0.0~1.0A	±5%	80mV		
		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		