



GUANGZHOU MYAMI ELECTRONIC TECHNOLOGY CO.,LTD

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R Series Full range DC POWER SUPPLY— Features

SMPS

Product features and advantages

【Full range application】

- Provide wider voltage and current within the rated power range to meet different testing needs

【Rack mounted power supply】

- Rack mounted power supply, easy to integrate with cabinet systems

【Standard equipped with PFC module】

- The power factor up to 0.98 by integrating PFC module, the product is more energy-efficient and higher work efficiency.

【High precision display for voltage,current 】

- 5 digital display, Setting accuracy-V: $FS0.05\% \pm RD0.05\%$; Setting accuracy-A: $FS0.1\% \pm RD0.1\%$

【Independent output control button】

- Independent button to control the output on or off ,which effecny to avoid the direct output damage to the load instrument

【Powerful protection】

- Five powerful protection for over voltage, over current, over power, over temperature,short circuite;

【Communication】

- Optional RS232, RS485, and USB communication interface,supporting MODBUS or SCPI protocol.

【Programming function】

- support programming settings by key and special software

1U height & Half width



2U height & Half width



2U height & Full width



Widely used in product aging maintenance, battery charge, experimental test, production test, electroplating ,etc.



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Model list - R Series Full range DC POWER SUPPLY

SMPS

SN	Voltage type	Model number	Output voltage	Output current	Capacity	Output voltage accuracy	Output current accuracy	Height	Width
1	20V	MY-RHD1U-2030	0-20VDC	0-30A	600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	1U	Half width
2	30V	MY-RHD1U-3020	0-30VDC	0-20A	600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	1U	Half width
3		MY-RHD1U-3030	0-30VDC	0-30A	900 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	1U	Half width
4		MY-RHD2U-3050	0-30VDC	0-50A	1500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
5		MY-RHD2U-3060	0-30VDC	0-60A	1800 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
6		MY-RFD2U-30100	0-30VDC	0-100A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
7		MY-RFD2U-30120	0-30VDC	0-120A	3600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
8		MY-RFD2U-30200	0-30VDC	0-200A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
9	40V	MY-RHD1U-4030	0-40VDC	0-30A	1200 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	1U	Half width
10	60V	MY-RHD2U-6030	0-60VDC	0-30A	1800 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
11		MY-RFD2U-6050	0-60VDC	0-50A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
12		MY-RFD2U-6060	0-60VDC	0-60A	3600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
13		MY-RFD2U-60100	0-60VDC	0-100A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
14	100V	MY-RHD2U-10018	0-100VDC	0-18A	1800 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
15		MY-RHD2U-10020	0-100VDC	0-20A	2000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
16		MY-RFD2U-10030	0-100VDC	0-30A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
17		MY-RFD2U-10060	0-100VDC	0-60A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
18	120V	MY-RHD2U-12015	0-120VDC	0-15A	1800 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
19		MY-RFD2U-12030	0-120VDC	0-30A	3600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
20		MY-RFD2U-12050	0-120VDC	0-50A	3600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
21	150V	MY-RHD2U-15010	0-150VDC	0-10A	1500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
22		MY-RFD2U-15012	0-150VDC	0-12A	1800 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
23		MY-RFD2U-15020	0-150VDC	0-20A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
24		MY-RFD2U-15040	0-150VDC	0-40A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width



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Model list - R Series Full range DC POWER SUPPLY

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SN	Voltage type	Model number	Output voltage	Output current	Capacity	Output voltage accuracy	Output current accuracy	Height	Width
25	200V	MY-RHD2U-20010	0-200VDC	0-10A	2000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
26	300V	MY-RHD2U-3005	0-300VDC	0-5A	1500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
27		MY-RFD2U-30010	0-300VDC	0-10A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
28		MY-RFD2U-30012	0-300VDC	0-12A	3600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
29		MY-RFD2U-30020	0-300VDC	0-20A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
30	1000V	MY-RHD2U-10001	0-1000VDC	0-1A	1000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
31		MY-RHD2U-10001.5	0-1000VDC	0-1.5A	1500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
32		MY-RHD2U-10002	0-1000VDC	0-2A	2000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Half width
33		MY-RFD2U-10003	0-1000VDC	0-3A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
34		MY-RFD2U-10004	0-1000VDC	0-4A	4000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
35		MY-RFD2U-10004.5	0-1000VDC	0-4.5A	4500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
36		MY-RFD2U-10005	0-1000VDC	0-5A	5000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
37		MY-RFD2U-10006	0-1000VDC	0-6A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
38	1200V	MY-RFD2U-12003	0-1200VDC	0-3A	3600 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
39	1500V	MY-RFD2U-15001	0-1500VDC	0-1A	1500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
40		MY-RFD2U-15002	0-1500VDC	0-2A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
41		MY-RFD2U-15003	0-1500VDC	0-3A	4500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
42	2000V	MY-RFD2U-20001	0-2000VDC	0-1A	2000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
43		MY-RFD2U-20001.5	0-2000VDC	0-1.5A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
44		MY-RFD2U-20002	0-2000VDC	0-2A	4000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
45		MY-RFD2U-20003	0-2000VDC	0-3A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
46	3000V	MY-RFD2U-30001	0-3000VDC	0-1A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
47		MY-RFD2U-30001.5	0-3000VDC	0-1.5A	4500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
48		MY-RFD2U-30002	0-3000VDC	0-2A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width



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Model list - R Series Full range DC POWER SUPPLY

SMPS

SN	Voltage type	Model number	Output voltage	Output current	Capacity	Output voltage accuracy	Output current accuracy	Height	Width
49	4000V	MY-RFD2U-4000.5	0-4000VDC	0-0.5A	2000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
50		MY-RFD2U-40001	0-4000VDC	0-1A	4000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
51	5000V	MY-RFD2U-5000.5	0-5000VDC	0-0.5A	2500 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
52		MY-RFD2U-50001	0-5000VDC	0-1A	5000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
53	6000V	MY-RFD2U-6000.5	0-6000VDC	0-0.5A	3000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width
54		MY-RFD2U-60001	0-6000VDC	0-1A	6000 W	FS0.05%±RD0.05%	FS0.1%±RD0.1%	2U	Full width

1U height & Half width



2U height & Half width



2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (20V&30V)

Model	MY-RHD1U-2030	MY-RHD1U-3020	MY-RHD1U-3030	MY-RHD2U-3050	MY-RHD2U-3060
Input Voltage	190-265Vac				
Input Frequency	47-63Hz				
Power factor	> 0.98				
Input power (Max)	700VA	700VA	1100VA	1750VA	2100VA
Output voltage	0-20V	0-30V	0-30V	0-30V	0-30V
Output current	0-30A	0-20A	0-30A	0-50A	0-60A
Output power	0-600W	0-600W	0-900W	0-1500W	0-1800W
Load regulation -V	40mV	40mV	40mV	30mV	30mV
Load regulation -A	30mA	30mA	30mA	50mA	50mA
Resolution-V	1mV	1mV	1mV	1mV	1mV
Resolution-A	1mA	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%				
Setting accuracy-A	FS0.1%±RD0.1%				
Reading accuracy-V	FS0.05%±RD0.05%				
Reading accuracy-A	FS0.1%±RD0.1%				
Ripple noise -V	≤50mVp-p	≤50mVp-p	≤50mVp-p	≤60mVp-p	≤60mVp-p
	≤20mVrms	≤20mVrms	≤20mVrms	≤20mVrms	≤20mVrms
Ripple noise -A	≤50mA rms	≤50mA rms	≤50mA rms	≤50mA rms	≤50mA rms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	215*447*44(mm)	215*447*44(mm)	215*447*44(mm)	215*447*88(mm)	215*447*88(mm)
Product weight	5.3KG	5.3KG	5.3KG	5.3 KG	5.3 KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz				
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power				

1U height & Half width

2U height & Half width





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MYAMi R Series full range DC power supply Datasheet (30V)

Model	MY-RFD2U-30100	MY-RFD2U-30120	MY-RFD2U-30200
Input Voltage	190-265Vac		
Input Frequency	47-63Hz		
Power factor	> 0.98		
Input power (Max)	3400VA	4200VA	6800VA
Output voltage	0-30V	0-30V	0-30V
Output current	0-100A	0-120A	0-200A
Output power	0-3000W	0-3600W	0-6000W
Load regulation -V	30mV	30mV	30mV
Load regulation -A	100mA	120mA	200mA
Resolution-V	1mV	1mV	1mV
Resolution-A	10mA	10mA	10mA
Setting accuracy-V	FS0.05%±RD0.05%		
Setting accuracy-A	FS0.1%±RD0.1%		
Reading accuracy-V	FS0.05%±RD0.05%		
Reading accuracy-A	FS0.1%±RD0.1%		
Ripple noise -V	≤80mVp-p	≤80mVp-p	≤80mVp-p
	≤25mVrms	≤25mVrms	≤25mVrms
Ripple noise -A	≤100mArms	≤120mArms	≤200mArms
Voltage rise response	≤100ms	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	12.1 KG	12.1KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz		
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power		

2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (40V&60V)

Model	MY-RHD1U-4030	MY-RHD2U-6030
Input Voltage	190-265Vac	
Input Frequency	47-63Hz	
Power factor	> 0.98	
Input power (Max)	1400VA	2100VA
Output voltage	0-40V	0-60V
Output current	0-30A	0-30A
Output power	0-1200W	0-1800W
Load regulation -V	40mV	60mV
Load regulation -A	30mA	30mA
Resolution-V	1mV	1mV
Resolution-A	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%	
Setting accuracy-A	FS0.1%±RD0.1%	
Reading accuracy-V	FS0.05%±RD0.05%	
Reading accuracy-A	FS0.1%±RD0.1%	
Ripple noise -V	≤50mVp-p	80mVp-p
	≤20mVrms	≤30mVrms
Ripple noise -A	≤50mArms	≤50mArms
Voltage rise response	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)
Product size (W*D*H)	215*447*44(mm)	215*447*88(mm)
Product weight	5.3KG	5.3KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz	
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power	

1U height & Half width



2U height & Half width





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MYAMi R Series full range DC power supply Datasheet (60V)

Model	MY-RFD2U-6050	MY-RFD2U-6060	MY-RFD2U-60100
Input Voltage	190-265Vac		
Input Frequency	47-63Hz		
Power factor	> 0.98		
Input power (Max)	3400VA	4200VA	6800VA
Output voltage	0-60V	0-60V	0-60V
Output current	0-50A	0-60A	0-100A
Output power	0-3000W	0-3600W	0-6000W
Load regulation -V	60mV	60mV	60mV
Load regulation -A	50mA	60mA	100mA
Resolution-V	1mV	1mV	1mV
Resolution-A	1mA	1mA	10mA
Setting accuracy-V	FS0.05%±RD0.05%		
Setting accuracy-A	FS0.1%±RD0.1%		
Reading accuracy-V	FS0.05%±RD0.05%		
Reading accuracy-A	FS0.1%±RD0.1%		
Ripple noise -V	≤100mVp-p	≤100mVp-p	≤100mVp-p
	≤30mVrms	≤30mVrms	≤30mVrms
Ripple noise -A	≤50mArms	≤60mArms	≤100mArms
Voltage rise response	≤100ms	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	12.1 KG	12.1KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz		
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power		

2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (100V)

Model	MY-RHD2U-10018	MY-RHD2U-10020	MY-RFD2U-10030	MY-RFD2U-10060
Input Voltage	190-265Vac			
Input Frequency	47-63Hz			
Power factor	> 0.98			
Input power (Max)	2100VA	2300VA	3400VA	6800VA
Output voltage	0-100V	0-100V	0-100V	0-100V
Output current	0-18A	0-20A	0-30A	0-60A
Output power	0-1800W	0-2000W	0-3000W	0-6000W
Load regulation -V	100mV	100mV	100mV	100mV
Load regulation -A	20mA	20mA	30mA	60mA
Resolution-V	10mV	10mV	10mV	10mV
Resolution-A	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%			
Setting accuracy-A	FS0.1%±RD0.1%			
Reading accuracy-V	FS0.05%±RD0.05%			
Reading accuracy-A	FS0.1%±RD0.1%			
Ripple noise -V	≤150mVp-p	≤150mVp-p	≤150mVp-p	≤150mVp-p
	≤35mVrms	≤35mVrms	≤35mVrms	≤35mVrms
Ripple noise -A	≤50mArms	≤50mArms	≤50mArms	≤60mArms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)		90%(Max.)	90%(Max.)
Product size (W*D*H)	215*447*88(mm)	215*447*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	5.3KG	5.3KG	12.1G	15 KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz			
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power			

2U height & Half width



2U height & Full width





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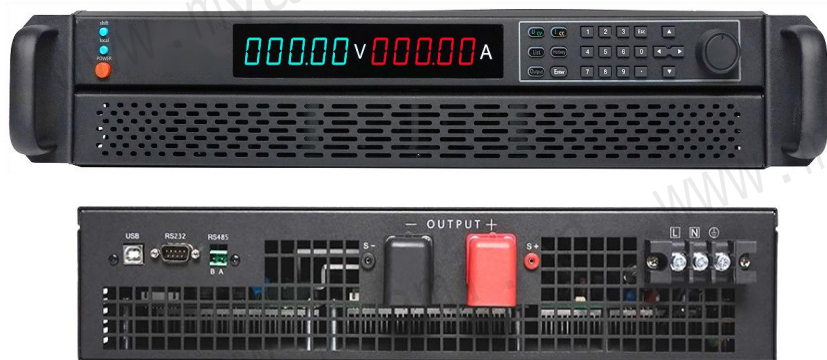
MYAMi R Series full range DC power supply Datasheet (120V)

Model	MY-RHD2U-12015	MY-RFD2U-12030	MY-RFD2U-12050
Input Voltage	190-265Vac		
Input Frequency	47-63Hz		
Power factor	> 0.98		
Input power (Max)	3100VA	4200VA	6800VA
Output voltage	0-120V	0-120V	0-120V
Output current	0-15A	0-30A	0-50A
Output power	0-1800W	0-3600W	0-6000W
Load regulation -V	100mV	100mV	100mV
Load regulation -A	15mA	30mA	30mA
Resolution-V	10mV	10mV	10mV
Resolution-A	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%		
Setting accuracy-A	FS0.1%±RD0.1%		
Reading accuracy-V	FS0.05%±RD0.05%		
Reading accuracy-A	FS0.1%±RD0.1%		
Ripple noise -V	≤150mVp-p	≤150mVp-p	≤150mVp-p
	≤35mVrms	≤35mVrms	≤35mVrms
Ripple noise -A	≤40mArms	≤50mArms	≤50mArms
Voltage rise response	≤100ms	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	215*447*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	5.3 KG	12.1KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz		
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power		

2U height & Half width



2U height &





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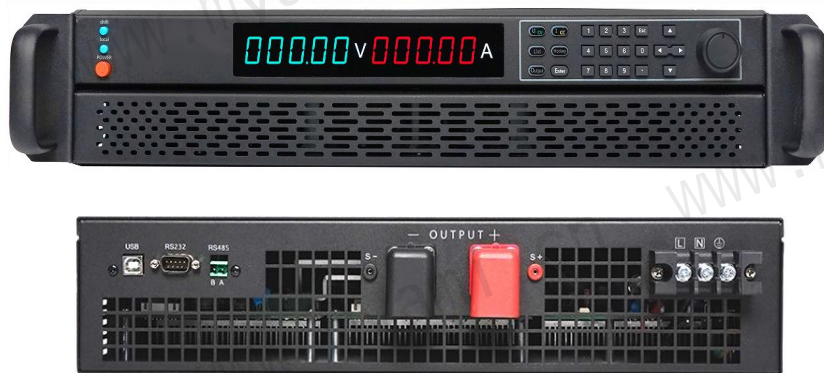
MYAMi R Series full range DC power supply Datasheet (150V)

Model	MY-RHD2U-15010	MY-RHD2U-15012	MY-RFD2U-15020	MY-RFD2U-15040
Input Voltage	190-265Vac			
Input Frequency	47-63Hz			
Power factor	> 0.98			
Input power (Max)	1750VA	2100VA	3400VA	6800VA
Output voltage	0-150V	0-150V	0-150V	0-150V
Output current	0-10A	0-12A	0-20A	0-40A
Output power	0-1500W	0-1800W	0-3000W	0-6000W
Load regulation -V	100mV	100mV	100mV	100mV
Load regulation -A	10mA	12mA	20mA	40mA
Resolution-V	10mV	10mV	10mV	10mV
Resolution-A	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%			
Setting accuracy-A	FS0.1%±RD0.1%			
Reading accuracy-V	FS0.05%±RD0.05%			
Reading accuracy-A	FS0.1%±RD0.1%			
Ripple noise -V	≤180mVp-p	≤180mVp-p	≤180mVp-p	≤250mVp-p
	≤40mVrms	≤40mVrms	≤40mVrms	≤60mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤50mArms	≤60mArms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	215*447*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	5.3KG	7KG	12.1KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz			
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power			

2U height & Half width



2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (200V&300V)

Model	MY-RHD2U-20010	MY-RHD2U-3005	MY-RFD2U-30010	MY-RFD2U-30012	MY-RFD2U-30020
Input Voltage	190-265Vac				
Input Frequency	47-63Hz				
Power factor	> 0.98				
Input power (Max)	2300VA	1750VA	3400VA	4200VA	6800VA
Output voltage	0-200V	0-300V	0-300V	0-300V	0-300V
Output current	0-10A	0-5A	0-10A	0-12A	0-20A
Output power	0-2000W	0-1500W	0-3000W	0-3600W	0-6000W
Load regulation -V	100mV	100mV	100mV	100mV	100mV
Load regulation -A	10mA	10mA	10mA	12mA	20mA
Resolution-V	10mV	10mV	10mV	10mV	10mV
Resolution-A	1mA	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%				
Setting accuracy-A	FS0.1%±RD0.1%				
Reading accuracy-V	FS0.05%±RD0.05%				
Reading accuracy-A	FS0.1%±RD0.1%				
Ripple noise -V	≤200mVp-p	≤250mVp-p	≤250mVp-p	≤250mVp-p	≤300mVp-p
	≤50mVrms	≤50mVrms	≤50mVrms	≤70mVrms	≤80mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤40mArms	≤40mArms	≤50mArms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)	≤500ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	215*447*88(mm)	215*447*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	7KG	5.3KG	12.1 KG	12.1 KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz				
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power				

2U height & Half width



2U height & Full width





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MYAMi R Series full range DC power supply Datasheet-1 (1000V)

Model	MY-RHD2U-10001	MY-RHD2U-10001.5	MY-RHD2U-10002
Input Voltage	190-265Vac		
Input Frequency	47-63Hz		
Power factor	> 0.98		
Input power (Max)	1300VA	1750VA	2300VA
Output voltage	0-1000V	0-1000V	0-1000V
Output current	0-1A	0-1.5A	0-2A
Output power	0-1000W	0-1500W	0-2000W
Load regulation -V	200mV	200mV	200mV
Load regulation -A	5mA	5mA	5mA
Resolution-V	100mV	100mV	100mV
Resolution-A	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%		
Setting accuracy-A	FS0.1%±RD0.1%		
Reading accuracy-V	FS0.05%±RD0.05%		
Reading accuracy-A	FS0.1%±RD0.1%		
Ripple noise -V	≤1000mVp-p	≤1000mVp-p	≤1000mVp-p
	≤200mVrms	≤200mVrms	≤200mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤40mArms
Voltage rise response	≤100ms	≤100ms	≤100ms
Voltage drop response	≤2000ms (Full load)	≤2000ms (Full load)	≤2000ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	215*447*88(mm)	215*447*88(mm)	215*447*88(mm)
Product weight	5.3KG	5.3KG	5.3 KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz		
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power		

2U height & Half width





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MYAMi R Series full range DC power supply Datasheet-2 (1000V)

Model	MY-RFD2U-10003	MY-RFD2U-10004	MY-RFD2U-10004.5	MY-RFD2U-10005	MY-RFD2U-10006
Input Voltage	190-265Vac				
Input Frequency	47-63Hz				
Power factor	> 0.98				
Input power (Max)	3400VA	4600VA	5100VA	5600VA	6800VA
Output voltage	0-1000V	0-1000V	0-1000V	0-1000V	0-1000V
Output current	0-3A	0-4A	0-4.5A	0-5A	0-6A
Output power	0-3000W	0-4000W	0-4500W	0-5000W	0-6000W
Load regulation -V	200mV	200mV	200mV	200mV	200mV
Load regulation -A	5mA	5mA	5mA	5mA	5mA
Resolution-V	100mV	100mV	100mV	100mV	100mV
Resolution-A	1mA	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%				
Setting accuracy-A	FS0.1%±RD0.1%				
Reading accuracy-V	FS0.05%±RD0.05%				
Reading accuracy-A	FS0.1%±RD0.1%				
Ripple noise -V	≤1000mVp-p	≤1000mVp-p	≤1000mVp-p	≤1000mVp-p	≤1000mVp-p
	≤200mVrms	≤200mVrms	≤200mVrms	≤200mVrms	≤200mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤40mArms	≤40mArms	≤40mArms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤2000ms (Full load)	≤2000ms (Full load)	≤2000ms (Full load)	≤2000ms (Full load)	≤2000ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	12.1 KG	12.1 KG	15KG	15 KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz				
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power				

2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (1200V&1500V)

Model	MY-RFD2U-12003	MY-RFD2U-15001	MY-RFD2U-15002	MY-RFD2U-15003
Input Voltage	190-265Vac			
Input Frequency	47-63Hz			
Power factor	> 0.98			
Input power (Max)	4200VA	1750VA	3400VA	5100VA
Output voltage	0-1200V	0-1500V	0-1500V	0-1500V
Output current	0-3A	0-1A	0-2A	0-3A
Output power	0-3600W	0-1500W	0-3000W	0-4500W
Load regulation -V	200mV	200mV	200mV	200mV
Load regulation -A	5mA	5mA	5mA	5mA
Resolution-V	100mV	100mV	100mV	100mV
Resolution-A	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%			
Setting accuracy-A	FS0.1%±RD0.1%			
Reading accuracy-V	FS0.05%±RD0.05%			
Reading accuracy-A	FS0.1%±RD0.1%			
Ripple noise -V	≤1200mVp-p	≤1500mVp-p	≤1500mVp-p	≤1500mVp-p
	≤220mVrms	≤300mVrms	≤200mVrms	≤200mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤40mArms	≤40mArms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤2000ms (Full load)	≤2000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	12.1 KG	7KG	12.1 KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz			
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power			

2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (2000V)

Model	MY-RFD2U-20001	MY-RFD2U-20001.5	MY-RFD2U-20002	MY-RFD2U-20003
Input Voltage	190-265Vac			
Input Frequency	47-63Hz			
Power factor	> 0.98			
Input power (Max)	2300VA	3400VA	4600VA	6800VA
Output voltage	0-2000V	0-2000V	0-2000V	0-2000V
Output current	0-1A	0-1.5A	0-2A	0-3A
Output power	0-2000W	0-3000W	0-4000W	0-6000W
Load regulation -V	200mV	200mV	200mV	200mV
Load regulation -A	5mA	5mA	5mA	5mA
Resolution-V	100mV	100mV	100mV	100mV
Resolution-A	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%			
Setting accuracy-A	FS0.1%±RD0.1%			
Reading accuracy-V	FS0.05%±RD0.05%			
Reading accuracy-A	FS0.1%±RD0.1%			
Ripple noise -V	≤2000mVp-p	≤2000mVp-p	≤2000mVp-p	≤2000mVp-p
	≤300mVrms	≤300mVrms	≤300mVrms	≤300mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤40mArms	≤40mArms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤4000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	7 KG	12.1 KG	12.1KG	15 KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz			
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power			

2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (3000V&4000V)

Model	MY-RFD2U-30001	MY-RFD2U-30001.5	MY-RFD2U-30002	MY-RFD2U-4000.5	MY-RFD2U-40001
Input Voltage	190-265Vac				
Input Frequency	47-63Hz				
Power factor	> 0.98				
Input power (Max)	3400VA	5100VA	6800VA	2300VA	4600VA
Output voltage	0-3000V	0-3000V	0-3000V	0-4000V	0-4000V
Output current	0-1A	0-1.5A	0-2A	0-0.5A	0-1A
Output power	0-3000W	0-4500W	0-6000W	0-2000W	0-4000W
Load regulation -V	200mV	200mV	200mV	200mV	200mV
Load regulation -A	5mA	5mA	5mA	5mA	5mA
Resolution-V	100mV	100mV	100mV	100mV	100mV
Resolution-A	1mA	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%				
Setting accuracy-A	FS0.1%±RD0.1%				
Reading accuracy-V	FS0.05%±RD0.05%				
Reading accuracy-A	FS0.1%±RD0.1%				
Ripple noise -V	≤2000mVp-p	≤3000mVp-p	≤3000mVp-p	≤4000mVp-p	≤4000mVp-p
	≤300mVrms	≤500mVrms	≤500mVrms	≤700mVrms	≤700mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤40mArms	≤40mArms	≤40mArms
Voltage rise response	≤101ms	≤102ms	≤103ms	≤104ms	≤100ms
Voltage drop response	≤4000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	12.1KG	15KG	15KG	12.1KG	12.1KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz				
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power				

2U height & Full width





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MYAMi R Series full range DC power supply Datasheet (5000V&6000V)

Model	MY-RFD2U-5000.5	MY-RFD2U-50001	MY-RFD2U-6000.5	MY-RFD2U-60001
Input Voltage	190-265Vac			
Input Frequency	47-63Hz			
Power factor	> 0.98			
Input power (Max)	3000VA	5600VA	3400VA	6800VA
Output voltage	0-5000V	0-5000V	0-6000V	0-6000V
Output current	0-0.5A	0-1A	0-0.5A	0-1A
Output power	0-2500W	0-5000W	0-3000W	0-6000W
Load regulation -V	200mV	200mV	200mV	200mV
Load regulation -A	5mA	5mA	5mA	5mA
Resolution-V	100mV	100mV	100mV	100mV
Resolution-A	1mA	1mA	1mA	1mA
Setting accuracy-V	FS0.05%±RD0.05%			
Setting accuracy-A	FS0.1%±RD0.1%			
Reading accuracy-V	FS0.05%±RD0.05%			
Reading accuracy-A	FS0.1%±RD0.1%			
Ripple noise -V	≤5000mVp-p	≤5000mVp-p	≤6000mVp-p	≤6000mVp-p
	≤800mVrms	≤800mVrms	≤900mVrms	≤900mVrms
Ripple noise -A	≤40mArms	≤40mArms	≤40mArms	≤40mArms
Voltage rise response	≤100ms	≤100ms	≤100ms	≤100ms
Voltage drop response	≤4000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)	≤4000ms (Full load)
	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)	≤20ms (No load)
Transient response time of load	≤2ms	≤2ms	≤2ms	≤2ms
Efficiency	90%(Max.)	90%(Max.)	90%(Max.)	90%(Max.)
Product size (W*D*H)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)	430*525*88(mm)
Product weight	7KG	15KG	15 KG	15KG
Comments	1) Ripple test, peak to peak bandwidth of 20MHz, effective value bandwidth of 1.25MHz			
	2) Load dynamic testing conditions: from 10% rated current or power to 90% rated current or power			

2U height & Full width

