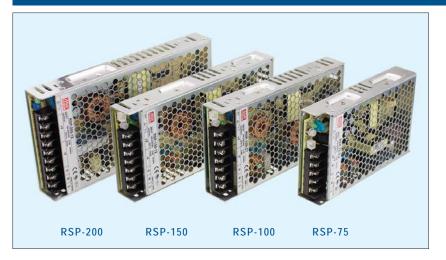
Enclosed-PFC

75~200W Low Profile





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

Features

- Ultra low profile: 30mm
- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage / Over temperature (RSP-100/150/200)
- Cooling by free air convection
- Built-in constant current limiting circuit (RSP-75/100/150)
- Remote ON/OFF control (RSP-75/100/150)
- LED indicator for power on
- 3 years warranty



Model No.		RSP-75	RSP-100	RSP-150	RSP-200	
AC input voltage ra	ange	85~264VAC; 120~370VDC			88~264VAC; 124~370VDC	
AC inrush current	(max.)	Cold start, 35A at 230VAC	30A at 230VAC	45A at 230VAC	40A at 230VAC	
DC adjustment ran	ge	-5%~+10% rated output voltage			±10% rated output voltage	
Overload	Range	105%~135%	105%~150%			
protection	Туре	Constant current limiting, auto-re	ecovery		Hiccup mode, auto-recovery	
Over voltage	Range	110%~135%		115%~145%		
protection	Туре	Shut down O/P voltage, re-power	r on to recover			
Withstand voltage		I/P-O/P: 3.75kVAC, I/P-FG: 2kVA	C, O/P-FG: 0.5k	/AC	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC	
Working temperatu	ire	-25~+70°C	-30~+70°C (refe	er to output derat	ing curve)	
Safety standards		UL60950-1, TUV EN60950-1, EN CCC GB4943 approved; UL6236			UL60950-1, TUV EN60950-1, CCC GB4943 approved	
EMC standards		EN55022 class B, EN61000-3-2,	3, EN61000-4-2,3	,4,5,6,8,11, GB9	254	
Connection		5P / 9.5mm pitch terminal block	7P / 9.5mm pitc	h terminal block	9P / 9.5mm pitch terminal block	
Dimension (LxWxH) (mm)	159x97x30	179x99x30	199x99x30	215x115x30	

Model No.OutputTol.R&NEffi.Model No.OutputTol.R&NEffi.RSP-100-3.33.3V, 0~20A±2%100mV83.0%RSP-200-2.52.5V, 0~40A±2%100mV79.5%RSP-100-55V, 0~20A±2%100mV86.0%RSP-200-3.33.3V, 0~40A±2%100mV84.0%RSP-100-7.57.5V, 0~13.5A±2%100mV87.0%RSP-200-55V, 0~40A±2%150mV85.5%RSP-100-1212V, 0~8.5A±1%100mV86.0%RSP-200-7.57.5V, 0~26.7A±2%150mV89.0%RSP-100-13.513.5V, 0~7.5A±1%100mV86.5%RSP-200-1212V, 0~16.7A±1%150mV89.0%RSP-100-1515V, 0~6.7A±1%100mV87.0%RSP-200-1513.5V, 0~14.9A±1%150mV89.0%RSP-100-1515V, 0~6.7A±1%100mV87.0%RSP-200-1515V, 0~13.4A±1%150mV89.0%	75W				RSP-75	150W			R	SP-150
RSP-75-5 5V, 0-15A ±2% 80mV 82.0% RSP-150-5 5V, 0-30A ±2% 100mV 87.0% RSP-75-7 7.5V, 0-10A ±2% 80mV 84.0% RSP-150-5 7.5V, 0-20A ±2% 100mV 85.0% RSP-75-12 12V, 0-6.3A ±2% 120mV 85.0% RSP-150-12 12V, 0-12.5A ±2% 100mV 85.0% RSP-75-13 13.5V, 0-5A ±2% 120mV 86.0% RSP-150-13.5 13.5V, 0-10A ±2% 100mV 87.5% RSP-75-24 24V, 0-3.2A ±1% 120mV 88.0% RSP-150-15 15V, 0-10A ±2% 100mV 88.5% RSP-75-27 27V, 0-2.8A ±1% 120mV 88.0% RSP-150-27 27V, 0-5.6A ±1% 150mV 89.0% RSP-100-3.3 3.3V, 0-20A ±2% 100mV 83.0% RSP-200-2.5 2.5V, 0-40A ±2% 100mV 81.5% RSP-100-7.5 7.5V, 0-13.5A ±2% 100mV 83.0% RSP-200-2.5 2.5V, 0-40A ±2% 100mV 81.5% RSP-100-12 12V, 0-8.5A	Model No.	Output	Tol.	R&N	Effi.	Model No.	Output	Tol.	R&N	Effi.
RSP-75-7.5 7.5V, 0-10A ±2% 80mV 84.0% RSP-150-7.5 7.5V, 0-20A ±2% 100mV 88.5% RSP-75-12 12V, 0-6.3A ±2% 120mV 85.0% RSP-150-12 12V, 0-12.5A ±2% 100mV 87.5% RSP-75-13 13.5V, 0-5.6A ±2% 120mV 86.0% RSP-150-15 15V, 0-11.2A ±2% 100mV 87.5% RSP-75-24 24V, 0-3.2A ±1% 120mV 87.0% RSP-150-15 15V, 0-10A ±2% 100mV 87.5% RSP-75-27 27V, 0-2.8A ±1% 120mV 88.0% RSP-150-27 27V, 0-5.6A ±1% 150mV 89.0% RSP-75-48 48V, 0-1.6A ±1% 200mV 89.0% RSP-150-27 27V, 0-5.6A ±1% 150mV 89.5% RSP-100-3.3 3.3V, 0-20A ±2% 100mV 83.0% RSP-200-2.5 2.5V, 0-40A ±2% 100mV 81.5% RSP-100-7.5 7.5V, 0-20A ±2% 100mV 83.0% RSP-200-2.5 2.5V, 0-40A ±2% 100mV 81.5% RSP-100-12 12V, 0-8.5A	RSP-75-3.3	3.3V, 0~15A	±2%	80mV	76.0%	RSP-150-3.3	3.3V, 0~30A	±2%	100mV	81.5%
RSP-75-12 12V, 0-6.3A ±2% 120mV 85.0% RSP-75-12 12V, 0-6.3A ±2% 100mV 90.0% RSP-75-13.5 13.5V, 0-5.6A ±2% 120mV 85.0% RSP-150-13.5 13.5V, 0-11.2A ±2% 100mV 90.0% RSP-75-15 15V, 0-5A ±2% 120mV 86.0% RSP-150-15 13.5V, 0-10A ±2% 100mV 87.5% RSP-75-27 27V, 0-2.8A ±1% 120mV 88.0% RSP-150-27 27V, 0-5.6A ±1% 150mV 89.5% RSP-75-48 48V, 0-1.6A ±1% 200mV 89.0% RSP-150-27 27V, 0-5.6A ±1% 150mV 89.5% RSP-100-3.3 3.3V, 0-20A ±2% 100mV 83.0% RSP-100-5 5V, 0-20A ±2% 100mV 83.0% RSP-200-2.5 2.5V, 0-40A ±2% 100mV 81.6% RSP-100-7.5 7.5V, 0-13.5A ±2% 100mV 87.0% RSP-200-5 5V, 0-40A ±2% 100mV 81.6% RSP-100-12 12V, 0-8.5A ±1% 100mV 86.0% RSP-200-15 5V, 0-40A ±2% <td>RSP-75-5</td> <td>5V, 0~15A</td> <td>±2%</td> <td>80mV</td> <td>82.0%</td> <td>RSP-150-5</td> <td>5V, 0~30A</td> <td>±2%</td> <td>100mV</td> <td>87.0%</td>	RSP-75-5	5V, 0~15A	±2%	80mV	82.0%	RSP-150-5	5V, 0~30A	±2%	100mV	87.0%
No. 10. 12 11. y 12.01 12.01 10.01 00.01 RSP-15 13.5V, 0-5.6A ±2% 120mV 85.0% RSP-150-13.5 13.5V, 0-11.2A ±2% 100mV 87.5% RSP-75-15 15V, 0-5A ±2% 120mV 86.0% RSP-150-15 15V, 0-10A ±2% 100mV 88.5% RSP-75-24 24V, 0-3.2A ±1% 120mV 87.0% RSP-150-24 24V, 0-6.3A ±1% 150mV 89.0% RSP-75-27 27V, 0-2.8A ±1% 120mV 88.0% RSP-150-27 27V, 0-5.6A ±1% 150mV 89.5% RSP-75-48 48V, 0-1.6A ±1% 200mV 89.0% RSP-150-27 27V, 0-5.6A ±1% 150mV 89.5% RSP-100-3 3.3V, 0-20A ±2% 100mV 83.0% RSP-200-2.5 2.5V, 0-40A ±2% 100mV 79.5% RSP-100-5 5V, 0-20A ±2% 100mV 86.0% RSP-200-3.3 3.3V, 0-40A ±2% 100mV 81.5% RSP-100-12 12V, 0-8.5A ±1% 100mV 86.0% RSP-200-5 5V,	RSP-75-7.5	7.5V, 0~10A	±2%	80mV	84.0%	RSP-150-7.5	7.5V, 0~20A	±2%	100mV	88.5%
Instruction Instrultion Instruction Instruction	RSP-75-12	12V, 0~6.3A	±2%	120mV	85.0%	RSP-150-12	12V, 0~12.5A	±2%	100mV	90.0%
No. 10 101, 0 ol. 1 1200 1200 1000 1000 101, 0 ol. 1 10000 10000 10000 10000 100000 100000 100000 100000 100000 100000 100000 1000000 1000000 1000000 1000000 10000000 10000000 10000000 10000000 10000000 100000000 10000000000 10000000000000 1000000000000000000000000000000000000	RSP-75-13.5	13.5V, 0~5.6A	±2%	120mV	85.0%	RSP-150-13.5	13.5V, 0~11.2A	±2%	100mV	87.5%
Not. 10:11 L11/0 L11/0 <thl1 0<="" th=""></thl1>	RSP-75-15	15V, 0~5A	±2%	120mV	86.0%	RSP-150-15	15V, 0~10A	±2%	100mV	88.5%
Nor 1/0 L/1 Link Link Link Strik Strik Link Strik <	RSP-75-24	24V, 0~3.2A	±1%	120mV	87.0%	RSP-150-24	24V, 0~6.3A	±1%	150mV	89.0%
Model No. Output Tol. R&N Effi. RSP-100-3.3 3.3V, 0~20A ±2% 100mV 83.0% RSP-100-5 5V, 0~20A ±2% 100mV 86.0% RSP-100-7.5 7.5V, 0~13.5A ±2% 100mV 87.0% RSP-100-12 12V, 0~8.5A ±1% 100mV 86.6% RSP-100-13.5 13.5V, 0~7.5A ±1% 100mV 86.5% RSP-100-15 15V, 0~6.7A ±1% 100mV 87.0% RSP-100-15 15V, 0~6.7A ±1% 100mV 87.0% RSP-200-15 13.5V, 0~7.5A ±1% 100mV 86.5% RSP-200-15 15V, 0~13.4A ±1% 150mV 89.0% RSP-200-15 15V, 0~13.4A ±1% 150mV 89.0%	RSP-75-27	27V, 0~2.8A	±1%	120mV	88.0%	RSP-150-27	27V, 0~5.6A	±1%	150mV	89.5%
Model No.OutputTol.R&NEffi.Model No.OutputTol.R&NEffi.RSP-100-3.33.3V, 0~20A±2%100mV83.0%RSP-200-2.52.5V, 0~40A±2%100mV79.5%RSP-100-55V, 0~20A±2%100mV86.0%RSP-200-3.33.3V, 0~40A±2%100mV84.0%RSP-100-7.57.5V, 0~13.5A±2%100mV87.0%RSP-200-55V, 0~40A±2%150mV85.5%RSP-100-1212V, 0~8.5A±1%100mV86.0%RSP-200-7.57.5V, 0~26.7A±2%150mV89.0%RSP-100-13.513.5V, 0~7.5A±1%100mV86.5%RSP-200-1212V, 0~16.7A±1%150mV89.0%RSP-100-1515V, 0~6.7A±1%100mV87.0%RSP-200-13.513.5V, 0~14.9A±1%150mV89.0%RSP-100-1515V, 0~6.7A±1%100mV87.0%RSP-200-1515V, 0~13.4A±1%150mV89.0%	RSP-75-48	48V, 0~1.6A	±1%	200mV	89.0%	RSP-150-48	48V, 0~3.2A	±1%	250mV	90.0%
Model No.OutputTol.R&NEffi.RSP-200-2.52.5V, 0~40A±2%100mV79.5%RSP-100-3.33.3V, 0~20A±2%100mV83.0%RSP-200-3.33.3V, 0~40A±2%100mV81.5%RSP-100-55V, 0~20A±2%100mV86.0%RSP-200-44V, 0~40A±2%100mV84.0%RSP-100-7.57.5V, 0~13.5A±2%100mV87.0%RSP-200-55V, 0~40A±2%150mV85.5%RSP-100-1212V, 0~8.5A±1%100mV86.0%RSP-200-7.57.5V, 0~26.7A±2%150mV89.0%RSP-100-13.513.5V, 0~7.5A±1%100mV86.5%RSP-200-13.513.5V, 0~14.9A±1%150mV89.0%RSP-100-1515V, 0~6.7A±1%100mV87.0%RSP-200-1515V, 0~13.4A±1%150mV89.0%	100W			R	SP-100	200W			RSP-200	
RSP-100-3.33.3V, 0~20A±2%100mV83.0%RSP-200-2.52.5V, 0~40A±2%100mV79.5%RSP-100-55V, 0~20A±2%100mV86.0%RSP-200-3.33.3V, 0~40A±2%100mV81.5%RSP-100-7.57.5V, 0~13.5A±2%100mV86.0%RSP-200-44V, 0~40A±2%100mV84.0%RSP-100-1212V, 0~8.5A±1%100mV86.0%RSP-200-55V, 0~40A±2%150mV85.5%RSP-100-13.513.5V, 0~7.5A±1%100mV86.5%RSP-200-1212V, 0~16.7A±1%150mV89.0%RSP-100-1515V, 0~6.7A±1%100mV87.0%RSP-200-1515V, 0~13.4A±1%150mV89.0%	Model No	Qutput	Tol	R&N	Fffi					
RSP-100-5 5V, 0-20A ±2% 100mV 86.0% RSP-200-3.3 3.3.0, 0-40A ±2% 100mV 81.3% RSP-100-5 5V, 0-20A ±2% 100mV 86.0% RSP-200-4 4V, 0-40A ±2% 100mV 84.0% RSP-100-7.5 7.5V, 0-13.5A ±2% 100mV 87.0% RSP-200-5 5V, 0-40A ±2% 150mV 85.5% RSP-100-12 12V, 0-8.5A ±1% 100mV 86.0% RSP-200-7.5 7.5V, 0-26.7A ±2% 150mV 89.0% RSP-100-13.5 13.5V, 0-7.5A ±1% 100mV 86.5% RSP-200-13.5 13.5V, 0-14.9A ±1% 150mV 89.0% RSP-100-15 15V, 0-6.7A ±1% 100mV 87.0% RSP-200-15 15V, 0-13.4A ±1% 150mV 89.0%										
RSP-100-7.5 7.5V, 0~13.5A ±2% 100mV 87.0% RSP-200-5 5V, 0~40A ±2% 150mV 85.5% RSP-100-12 12V, 0~8.5A ±1% 100mV 86.0% RSP-200-7.5 7.5V, 0~26.7A ±2% 150mV 89.0% RSP-100-13.5 13.5V, 0~7.5A ±1% 100mV 86.5% RSP-200-12 12V, 0~16.7A ±1% 150mV 89.0% RSP-100-13.5 13.5V, 0~6.7A ±1% 100mV 86.5% RSP-200-12 12V, 0~16.7A ±1% 150mV 89.0% RSP-100-15 15V, 0~6.7A ±1% 100mV 87.0% RSP-200-15 13.5V, 0~14.9A ±1% 150mV 89.0%		·								
RSP-100-1212V, 0~8.5A±1%100mV86.0%RSP-200-7.57.5V, 0~26.7A±2%150mV89.0%RSP-100-13.513.5V, 0~7.5A±1%100mV86.5%RSP-200-1212V, 0~16.7A±1%150mV89.0%RSP-100-1515V, 0~6.7A±1%100mV87.0%RSP-200-1513.5V, 0~14.9A±1%150mV89.0%RSP-200-1515V, 0~6.7A±1%100mV87.0%RSP-200-1515V, 0~13.4A±1%150mV89.0%										
RSP-100-12 12V, 0~8.5A ±1% 100mV 86.0% RSP-200-12 12V, 0~16.7A ±1% 150mV 89.0% RSP-100-13.5 13.5V, 0~7.5A ±1% 100mV 86.5% RSP-200-13.5 13.5V, 0~14.9A ±1% 150mV 89.0% RSP-100-15 15V, 0~6.7A ±1% 100mV 87.0% RSP-200-15 15V, 0~13.4A ±1% 150mV 89.0%	RSP-100-7.5	7.5V, 0~13.5A	±2%	100mV	87.0%					
RSP-100-13.5 13.5V, 0~7.5A ±1% 100mV 86.5% RSP-200-13.5 13.5V, 0~14.9A ±1% 150mV 89.0% RSP-100-15 15V, 0~6.7A ±1% 100mV 87.0% RSP-200-13.5 13.5V, 0~13.4A ±1% 150mV 89.0%	RSP-100-12	12V, 0~8.5A	±1%	100mV	86.0%					
RSP-100-15 15V, 0~6.7A ±1% 100mV 87.0% RSP-200-15 15V, 0~13.4A ±1% 150mV 89.5%	RSP-100-13.5	13.5V, 0~7.5A	±1%	100mV	86.5%					
RSP-100-24 24V. 0~4.2A +1% 150mV 87.0% RSP-200-24 24V. 0~8.4A ±1% 150mV 89.5%	RSP-100-15	15V, 0~6.7A	±1%	100mV	87.0%				150mV	89.5%
	RSP-100-24	24V, 0~4.2A	±1%	150mV	87.0%	RSP-200-24	24V, 0~8.4A	±1%	150mV	89.5%
RSP-100-27 27V, 0~3.8A ±1% 150mV 87.0% RSP-200-27 27V, 0~7.5A ±1% 200mV 89.0%	RSP-100-27	27V, 0~3.8A	±1%	150mV	87.0%	RSP-200-27	27V, 0~7.5A	±1%	200mV	89.0%
RSP-100-48 48V, 0~2.1A ±1% 250mV 88.0% RSP-200-36 36V, 0~5.56A ±1% 220mV 90.0%	RSP-100-48	48V. 0~2.1A	+1%	250mV	88.0%					
RSP-200-48 48V, 0~4.2A ±1% 240mV 90.0%				200111	50.0.0	RSP-200-48	48V, 0~4.2A	±1%	240mV	90.0%

Enclosed-PFC

320~500W Low Profile





Features

- 1U low profile
- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage /
 Over temperature
- Forced air cooling by built-in DC fan
- Built-in remote sense and ON/OFF control (RSP-500)
- LED indicator for power on
- 3 years warranty

General	Specification	(Please refer to www.meanwell.com for detail spec.)
Ochiciai	Specification	(i icase refer to www.incanwen.com for uctal spee.)



Model No.		RSP-320	RSP-500		
AC input volta	ge range	88~264VAC; 124~370VDC	85~264VAC; 120~370VDC		
AC inrush curr	ent(max.)	Cold start, 40A at 230VAC	·		
DC adjustment	range	Vo: ±10% by potentiometer			
Overload	Range	105%~135%	105%~130%		
protection	Туре	Hiccup mode, auto-recovery	Constant current limiting, auto-recovery		
Over voltage	Range	115%~145%			
protection	Туре	Shut down O/P voltage, re-power on to recover			
Withstand volt	age	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC			
Working tempe	rature	-30~+70°C (refer to output derating curve)			
Safety standar	ds	UL60950-1, TUV EN60950-1 approved; CCC GB4943 approv	ed for RSP-320 only		
EMC standards	5	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11	, EN61000-6-2(RSP-500), GB9254(RSP-320 only)		
0	Input	0D/0 Emm nitch terminal block	3P / 9.5mm pitch terminal block		
Connection	Output	- 9P / 9.5mm pitch terminal block	6P / 11mm pitch terminal block		
Dimension (Lx	WxH) (mm)	215x115x30	230x127x40.5		
Case No.		207A	226A		

320W			F	RSP-320	500W			R	SP-500	
Model No.	Output	Tol.	R&N	Effi.	Model No.	Output	Tol.	R&N	Effi.	
RSP-320-2.5	2.5V, 0~60A	±2%	100mV	75.5%	RSP-500-3.3	3.3V, 0~90A	±2%	120mV	81.0%	
RSP-320-3.3	3.3V, 0~60A	±2%	100mV	79.5%	RSP-500-4	4V, 0~90A	±2%	120mV	83.0%	
RSP-320-4	4V, 0~60A	±2%	100mV	81.0%	RSP-500-5	5V, 0~90A	±2%	150mV	84.0%	
RSP-320-5	5V, 0~60A	±2%	150mV	83.0%	RSP-500-12	12V, 0~41.7A	±1%	150mV	88.0%	
*RSP-320-5CC	5V. 0~60A	±2%	150mV	83.0%	RSP-500-15	15V, 0~33.4A	±1%	150mV	88.0%	
RSP-320-7.5	7.5V, 0~40A	±2%	150mV	88.0%	RSP-500-24	24V, 0~21A	±1%	150mV	89.0%	
RSP-320-12			150mV	88.0%	RSP-500-27	27V, 0~18.6A	±1%	150mV	89.5%	
	12V, 0~26.7A	±1%			RSP-500-48	48V, 0~10.5A	±1%	150mV	90.5%	
RSP-320-13.5	13.5V, 0~23.8A	±1%	150mV	88.0%						
RSP-320-15	15V, 0~21.4A	±1%	150mV	88.5%		de specification, drav on, please visit our w	0	port and mo	re	
RSP-320-24	24V, 0~13.4A	±1%	150mV	89.0%				w.meanwe	II.com	
RSP-320-27	27V, 0~11.9A	±1%	200mV	89.0%	Best pro	ducts also need bes	st service.			
RSP-320-36	36V, 0~8.9A	±1%	220mV	89.5%	We have authorized distributors all over the world. The sufficient stock for your prompt delivery. Also they ca					
RSP-320-48	48V, 0~6.7A	±1%	240mV	90.0%	you tech	nical support & RMA ributors for more pro	services. Pl	ease contact	your	
	with conformal coatir	ng is suitab	le for LED m	noving		s at info@meanwell.				

* RSP-320-5CC with conformal coating is suitable for LED moving sign applications, MOQ required.

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distributors.

Enclosed-PFC 750~2000W Programmable High Power





Features

- 1U low profile (41mm height only)
- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- High power density up to 25W/in³ (RSP-1600)
- Output voltage programmable; Constant current level Icc programmable (RSP-750/1600) • Built-in current sharing up to 4 units (RSP-1000/2000)
- or 6 units (RSP-1600)
- Built-in remote sense and ON/OFF control
- Built-in auxiliary power, DC OK signal
- OTP alarm signal output (RSP-1600/2000)
- · Optional conformal coating
- 5 years warranty

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

RSP-1000-48

48V, 0~21A

±1%

150mV

(Parallel) (except for RSP

				1		(****						
Model No.		RSP-750		RSP-1000		RSP-1600)	RSP-2	000			
AC input volt	age range	90~264VAC; 127~3	370VDC									
AC inrush cu	rrent (max.)	Cold start, 40A at	230VAC			Cold start	, 35A at 230VAC	Cold s	tart, 50A at	230VAC		
DC adjustment range		Vo: ±10% by potentiometer, or to 40%~110% of rated output voltage by 2~5.5VDC external control signal ICc : to 40%~110% of rated output current by 2~5.5VDC external control signal		Vo: ±10% by potentiometer, or to 40%~110% of rated output voltage by external resistor or by 2~5.5VDC external control signal		10% of rated ge bypotentiometer, or to 40%~ 125% of rated output voltage by 1~5VDC externalstor or by kternalvoltage by 1~5VDC external control signal		Vo: ±10% by potentiomete to 40%~115% of rated output voltage by 1~4.7VDC external co signal		of rated by		
.	Range	105%~125%		105%~125%		105%~11	5%	105%~125%				
Overload protection	Туре	Constant current li	miting, auto	o-recovery	Constant current limiting, shut down o/p voltage af , re-power on to recover				ifter 5 sec.			
Over voltage	Range	115%~145%		115%~135%		130%~15	5%	120%~	120%~145%			
protection	Туре	Shut down O/P vol	tage, re-po	wer on to recov	ver							
Withstand vo	Itage	I/P-O/P: 3kVAC, I/	P-FG: 2kVA	C, O/P-FG: 0.5	kVAC (O/P-FG: 1	1.5kVAC for	RSP-1600)					
Working tem	Vorking temperature -30~+70°C -20~+60°C -30~+70°C -35~+70°C				-35~+70°C							
Safety standa	v standards UL60950-1, TUV EN60950-1 approved											
EMC standar	ds	EN55022 class B for RSP-750, class A for RSP-1000/1600/2000; EN61000-3-2,3; EN61000-4-2						4-2,3,4,5	-2,3,4,5,6,8,11			
Connection	Input	3P / 10mm pitch te	rminal bloc	k with cover								
Connection	Output	M5x12 screw term	nal			Bus bars		M5x12 screw terminal				
Dimension (L	xWxH) (mm)	250x127x41		295x 127x 41		300x 85x	41	295x 1	27x 41			
Case No.		212A		952B		237B		952D				
750W				RSP-750	1600W				NEW R	SP-1600		
Model No RSP-750-5 RSP-750-1 RSP-750-1 RSP-750-2 RSP-750-2 RSP-750-4	5V, 2 12V, 5 15V, 4 24V, 7 27V,	utput Tol. 0~100A ±2% 0~62.5A ±1% 0~50A ±1% 0~31.3A ±1% 0~27.8A ±1% 0~15.7A ±1%	R&N 150m 150m 150m 150m 150m 150m	V 82.0% V 87.0% V 89.0% V 90.5% V 90.5%	Model N RSP-160 RSP-160 RSP-160 RSP-160 RSP-160	0-12 0-24 0-27 0-36	Output 12V, 0~125A 24V, 0~67A 27V, 0~59A 36V, 0~44.5A 48V, 0~33.5A	Tol. ±1% ±1% ±1% ±1% ±1%	R&N 150mV 200mV 200mV 250mV 300mV	Effi. 87.0% 90.5% 90.5% 91.0% 93.0%		
1000W				RSP-1000	2000W				R	SP-2000		
Model No RSP-1000- RSP-1000-	12 12V,	utput Tol. 0~60A ±1% 0~50A ±1%	R&N 150m 150m	V 83%	Model N RSP-200		Output 12V, 0~100A	Tol. ±2%	R&N 150mV	Effi. 87.0%		
RSP-1000-	24 24V,	0~40A ±1%	150m	V 88%	RSP-200	0-24	24V, 0~80A	±1%	200mV	90.5%		
RSP-1000-	27 27V	, 0~37A ±1%	150m	V 88%	RSP-200	0-48	48V, 0~42A	±1%	300mV	92.0%		
					101 200	0 10		- 1 / V	0001111	12.070		

90%

Enclosed-PFC 1500~3000W Programmable High Power





Features

- Universal AC input / Full range (RSP-1500) AC input 180~264VAC only (RSP-2400/3000)
- Built-in active PFC function
- Protections:
 Short circuit / Over
- Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- Output voltage programmable
- Built-in current sharing up to 4 units (RSP-1500) or 3 units (RSP-2400/3000)
- Built-in remote sense and ON/OFF control
- Built-in auxiliary power, DC OK signal
- Optional conformal coating
- 5 years warranty

Model No.		RSP-1500	RSP-2400	RSP-3000				
AC input volt	age range	90~264VAC; 127~370VDC	180~264VAC; 254~370VDC					
AC inrush cu		Cold start, 60A at 230VAC						
DC adjustme	nt range	Vo: -30%~+10% by potentiometer, or to 70%~100% of rated output voltage by external resistor	Vo: ±10% by potentiometer, or to 20%~110% of rated output voltag 1~5.5VDC external control signal					
	Range	105%~135%	100%~112%					
Overload protection	Туре	Constant current limiting, shut off after 5 sec., re-power on to recover	Constant current limiting, shut off (can adjust to continuous constan	after 5 sec., re-power on to recover t current limiting)				
Over voltage	Range	115%~140%						
protection	Туре	Shut down O/P voltage, re-power on to recover	, re-power on to recover					
Withstand vo	Itage	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVA	C					
Working temp	perature	-20~+70°C						
Safety standa	ards	UL60950-1, TUV EN60950-1 approved						
EMC standard	ds	EN55022 class B for RSP-1500, class A for RSP-2400/3000; EN61000-3-2,3; EN61000-4-2,3,4,5,6,8,11; EN61000-6-2						
a	Input	3P/13mm pitch terminal block with cover						
Connection	Output	Bus bars						
Dimension (L	xWxH) (mm)	278x 127x 83.5	278x 177.8x 63.5					
Case No.		943A	982B					

■ 1500W RSP-1500						2400W			F	SP-2400
Model No.	Output	Tol.	R&N	Effi.		Model No.	Output	Tol.	R&N	Effi.
RSP-1500-5	5V. 0~240A	±2%	150mV	80%		RSP-2400-12	12V, 0~166.7A	±1%	150mV	88.0%
101 1000 0	50, 0 240/	±270	150111	0070		RSP-2400-24	24V, 0~100A	±1%	150mV	90.5%
RSP-1500-12	12V, 0~125A	±1%	150mV	87%		RSP-2400-48	48V, 0~50A	±1%	200mV	91.5%
RSP-1500-15	15V, 0~100A	±1%	150mV	87%		3000W			F	SP-3000
RSP-1500-24	24V, 0~63A	±1%	150mV	90%		Model No.	Output	Tol.	R&N	Effi.
						RSP-3000-12	12V, 0~200A	±1%	150mV	87.5%
RSP-1500-27	27V, 0~56A	±1%	150mV	90%		RSP-3000-24	24V, 0~125A	±1%	150mV	90.0%
RSP-1500-48	48V, 0~32A	±1%	200mV	91%		RSP-3000-48	48V, 0~62.5A	±1%	200mV	91.5%