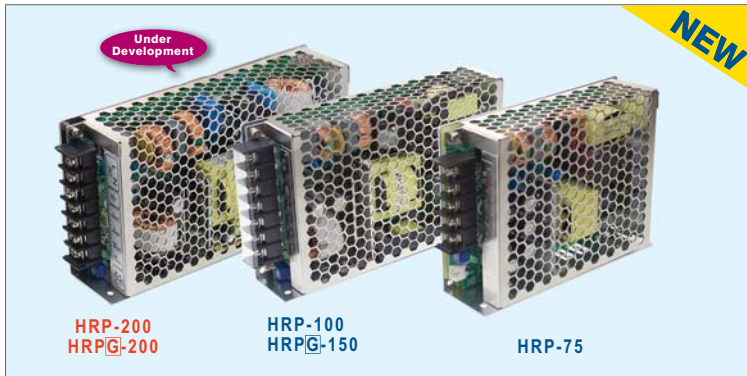


# Enclosed-PFC

75~200W Single Output



## ■ Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Built-in active PFC function
- Protections:
  - Short circuit / Overload / Over voltage / Over temp. (optional for HRP-75 / HRP-100)
- Built-in constant current limiting circuit
- Built-in remote sense function (HRP□-150 / 200)
- No load power consumption<0.5W (except for HRP-150/200)
- Built-in remote ON/OFF control (except for HRP-150 / 200)
- Cooling by free air convection
- 1U low profile
- 100% full load burn-in test
- 5 years warranty

## ■ General Specification (Please refer to [www.meanwell.com](http://www.meanwell.com) for detail spec.)



Model No.	HRP-75	HRP-100	HRP□-150	HRP□-200 <span style="color:red">Under Development</span>
AC input voltage range	85~264VAC, 120~370VDC			
AC inrush current (max.)	Cold start, 65A at 230VAC			Cold start, 70A at 230VAC
DC adjustment range	-5%~+10% rated output voltage		±15% rated output voltage	
Overload protection	Range	105~135%		
	Type	Constant current limiting, auto-recovery		
Over voltage protection	115~145%			
Withstand voltage	I/P - O/P: 3kVAC, I/P - FG: 1.5kVAC, O/P - FG: 0.5kVAC			
Working temperature	-20~+70°C (refer to output derating curve)		-30~+70°C (refer to output derating curve)	
Safety standards	UL60950-1, TUV EN60950-1 approved (HRP-100 / HRP□-200 pending)			
EMC standards	EN55022 class B, EN61000-4-2,3,4,5,6,8,11, EN61000-3-2,3, ENV50204, EN61000-6-2 heavy industry level			
Connection	5P / 9.5mm pitch terminal block with cover		7P / 9.5mm pitch terminal block with cover	
Dimension (LxWxH)(mm)	129x98x38		159x97x38	
Case No.	903D		901E	

## ■ 75W HRP-75

Model No.	Output	Tol.	R&N	Effi.
HRP-75-3.3	3.3V, 0~15A	±2.5%	80mV	77.0%
HRP-75-5	5V, 0~15A	±2.5%	80mV	82.5%
HRP-75-7.5	7.5V, 0~10A	±2.5%	100mV	84.0%
HRP-75-12	12V, 0~6.3A	±1.5%	120mV	87.0%
HRP-75-15	15V, 0~5A	±1.5%	150mV	88.0%
HRP-75-24	24V, 0~3.2A	±1.5%	150mV	88.0%
HRP-75-36	36V, 0~2.1A	±1.5%	200mV	89.0%
HRP-75-48	48V, 0~1.6A	±1.5%	240mV	89.0%

## ■ 150W HRP□-150

Model No.	Output	Tol.	R&N	Effi.
HRP□-150-3.3	3.3V, 0~30A	±2.5%	80mV	80%
HRP□-150-5	5V, 0~26A	±2.5%	80mV	85%
HRP□-150-7.5	7.5V, 0~20A	±2.5%	100mV	87%
HRP□-150-12	12V, 0~13A	±1.5%	120mV	88%
HRP□-150-15	15V, 0~10A	±1.5%	150mV	88%
HRP□-150-24	24V, 0~6.5A	±1.5%	150mV	88%
HRP□-150-36	36V, 0~4.3A	±1.5%	200mV	89%
HRP□-150-48	48V, 0~3.3A	±1.5%	240mV	89%

□ =blank, G; blank: basic function, G: with 5Vsb & no load <0.5W

## ■ 100W HRP-100

Model No.	Output	Tol.	R&N	Effi.
HRP-100-3.3	3.3V, 0~20A	±2.5%	80mV	78%
HRP-100-5	5V, 0~17A	±2.5%	80mV	83%
HRP-100-7.5	7.5V, 0~13.5A	±2.5%	100mV	84%
HRP-100-12	12V, 0~8.5A	±1.5%	120mV	88%
HRP-100-15	15V, 0~7A	±1.5%	150mV	88%
HRP-100-24	24V, 0~4.5A	±1.5%	150mV	89%
HRP-100-36	36V, 0~2.9A	±1.5%	200mV	89%
HRP-100-48	48V, 0~2.2A	±1.5%	240mV	90%

## ■ 200W Under Development HRP□-200

Model No.	Output	Tol.	R&N	Effi.
HRP□-200-3.3	3.3V, 0~40A	±2%	80mV	80%
HRP□-200-5	5V, 0~35A	±2%	90mV	84%
HRP□-200-7.5	7.5V, 0~26.7A	±2%	100mV	86%
HRP□-200-12	12V, 0~16.7A	±1%	120mV	88%
HRP□-200-15	15V, 0~13.4A	±1%	150mV	88%
HRP□-200-24	24V, 0~8.4A	±1%	150mV	88%
HRP□-200-36	36V, 0~5.7A	±1%	250mV	89%
HRP□-200-48	48V, 0~4.3A	±1%	250mV	90%

□ =blank, G; blank: basic function, G: with 5Vsb & no load <0.5W