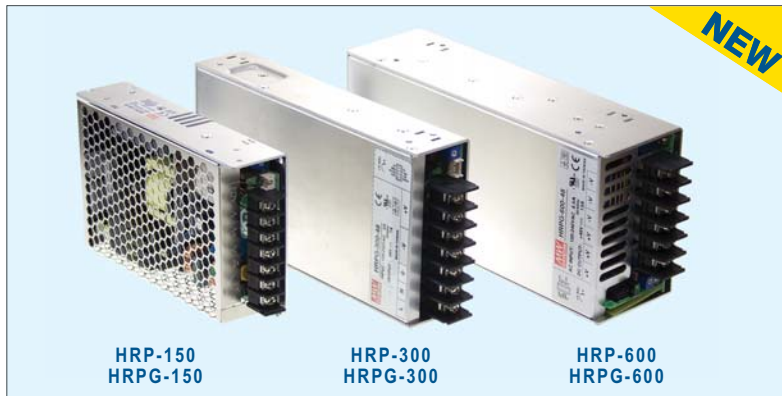


# PFC-G5 Series 150~600W High Reliability Single Output



## Features

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Built-in active PFC function, PF>0.95
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Built-in constant current limiting circuit
- Built-in remote sense function
- No load power consumption<0.5W (HRPG series)
- Built-in remote ON/OFF control & 5V/0.3A standby output (HRPG series)
- Built-in DC OK signal (HRPG-300/600)
- Built-in current sharing (HRPG-600-24/36/48)
- Cooling by free air convection (HRP□-150)
- Forced air cooling by built-in DC fan (HRP□-300 / 600)
- 1U low profile (HRP□-150 / 300)
- 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□-150	HRP□-300	HRP□-600
AC input voltage range	85~264VAC		
AC inrush current (max.)	Cold start, 65A at 230VAC	Cold start, 70A at 230VAC	
DC adjustment range	±15% rated output voltage		
OLP	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, 1 minute		
Working temperature	-30~+70°C (refer to output derating curve)		
Safety standards	UL60950-1, TUV EN60950-1 approved		
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	7P / 9.5mm pitch terminal block with cover	7P / 11mm pitch terminal block with cover	3+6P / 10&11mm pitch terminal block with cover
Dimension (L*W*H)(mm)	159x97x38	199x105x41	218x105x63.5
Case No.	901I	980A	977A

## 150W HRP□-150

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11861	HRP□-150-3.3	3.3V, 0~30A	±2.5%	80mV	80%
11862	HRP□-150-5	5V, 0~26A	±2.5%	80mV	85%
11863	HRP□-150-7.5	7.5V, 0~20A	±2.5%	100mV	87%
11864	HRP□-150-12	12V, 0~13A	±1.5%	120mV	88%
11865	HRP□-150-15	15V, 0~10A	±1.5%	150mV	88%
11866	HRP□-150-24	24V, 0~6.5A	±1.5%	150mV	88%
11867	HRP□-150-36	36V, 0~4.3A	±1.5%	200mV	89%
11868	HRP□-150-48	48V, 0~3.3A	±1.5%	240mV	89%

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

## 600W HRP□-600

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11941	HRP□-600-3.3	3.3V, 0~120A	±2%	80mV	81%
11942	HRP□-600-5	5V, 0~120A	±2%	80mV	86%
11943	HRP□-600-7.5	7.5V, 0~80A	±2%	80mV	87%
11944	HRP□-600-12	12V, 0~53A	±1%	120mV	89%
11945	HRP□-600-15	15V, 0~43A	±1%	150mV	89%
11946	HRP□-600-24	24V, 0~27A	±1%	150mV	88%
11947	HRP□-600-36	36V, 0~17.5A	±1%	200mV	88%
11948	HRP□-600-48	48V, 0~13A	±1%	240mV	89%

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

## 300W HRP□-300

Stock No.	Model No.	Output	Tol.	R&N	Effi.
11901	HRP□-300-3.3	3.3V, 0~60A	±2%	80mV	84%
11902	HRP□-300-5	5V, 0~60A	±2%	80mV	86%
11903	HRP□-300-7.5	7.5V, 0~40A	±2%	100mV	87%
11904	HRP□-300-12	12V, 0~27A	±1%	120mV	89%
11905	HRP□-300-15	15V, 0~22A	±1%	150mV	89%
11906	HRP□-300-24	24V, 0~14A	±1%	150mV	88%
11907	HRP□-300-36	36V, 0~9A	±1%	200mV	88%
11908	HRP□-300-48	48V, 0~7A	±1%	240mV	89%

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

**Under Development**

## HRPG-75/100/200/450 Series

75W/100W/200W/450W  
High Reliability  
Single Output

**Please refer to Page 85 for details**