



Features

- Universal AC input / Full range
- Built-in active PFC function
- High efficiency up to 94%
- Fanless design, cooling by free air convection
- Vo and Io can be adjusted through internal potentiometer
- Aluminum case and filling with heat-conducted glue
- -55~+70°C wide operating range
- Meet 6kV surge immunity level
- Withstand 10G vibration test
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Multiple models for choice:
 - A-Type: Standard model, IP65 rated. Vo and Io can be adjusted through internal potentiometer
 - Blank-Type: Optional model, IP68 rated
- Suitable for general industrial applications at high/low temperature, high dust, high moisture, high vibration, or outdoor environment
- 5 years warranty

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



Model No.	HEP-100	HEP-150	HEP-185
AC input voltage range	90~264VAC, 127~373VDC		
AC inrush current (max.)	Cold start, 60A at 230VAC	Cold start, 65A at 230VAC	
DC adjustment range	-10%~+10% rated output voltage (A-Type only)		
Current adjustment range	60%~100% rated output current adjustment by internal potentiometer(A-Type only)		50%~100% rated output current adjustment by internal potentiometer(A-Type only)
Over current protection	105%~125% constant current limiting, auto-recovery		
Over voltage protection	108%~135% rated output voltage		
Setup, rise, hold up time	500ms, 80ms, 15ms at full load and 230VAC	500ms, 50ms, 16ms at full load and 230VAC	
Withstand voltage	I/P-O/P: 3.75kVAC, I/P-FG: 2kVAC, O/P-FG: 1.5kVAC		
Working temperature	-55~+70°C (refer to output derating curve)		
Safety standards	UL60950-1 approved ; Design refer to TUV EN60950-1		
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11		
Connection	Input	UL rated, SJTW 18AWGx3C(30cm)	
	Output	SJTW 14AWGx2C(30cm)	
Dimension (LxWxH)(mm)	220x 68x 38.8	228x 68x 38.8	

100W HEP-100

Model No.	Output	Tol.	R&N	Effi.
HEP-100-12 \bar{A}	12V, 0~8.34A	±1.0%	120mV	93%
HEP-100-15 \bar{A}	15V, 0~6.67A	±1.0%	150mV	93%
HEP-100-24 \bar{A}	24V, 0~4.00A	±1.0%	150mV	93%
HEP-100-36 \bar{A}	36V, 0~2.65A	±1.0%	200mV	93%
HEP-100-48 \bar{A}	48V, 0~2.00A	±1.0%	200mV	93%
HEP-100-54 \bar{A}	54V, 0~1.77A	±1.0%	200mV	93%

\bar{A} = A or Blank, A: standard model(IP65), Blank: optional model(IP68)

185W HEP-185

Model No.	Output	Tol.	R&N	Effi.
HEP-185-12 \bar{A}	12V, 0~13.0A	±2.5%	150mV	91.5%
HEP-185-15 \bar{A}	15V, 0~11.5A	±2.0%	150mV	92.0%
HEP-185-24 \bar{A}	24V, 0~7.80A	±1.0%	150mV	93.5%
HEP-185-36 \bar{A}	36V, 0~5.20A	±1.0%	200mV	93.5%
HEP-185-48 \bar{A}	48V, 0~3.90A	±1.0%	200mV	94.0%
HEP-185-54 \bar{A}	54V, 0~3.45A	±1.0%	200mV	94.0%

\bar{A} = A or Blank, A: standard model(IP65), Blank: optional model(IP68)

150W HEP-150

Model No.	Output	Tol.	R&N	Effi.
HEP-150-12 \bar{A}	12V, 0~12.5A	±2.5%	150mV	91.5%
HEP-150-15 \bar{A}	15V, 0~10.0A	±2.0%	150mV	92.0%
HEP-150-24 \bar{A}	24V, 0~6.30A	±1.0%	150mV	93.0%
HEP-150-36 \bar{A}	36V, 0~4.20A	±1.0%	200mV	93.5%
HEP-150-48 \bar{A}	48V, 0~3.20A	±1.0%	200mV	94.0%
HEP-150-54 \bar{A}	54V, 0~2.80A	±1.0%	200mV	94.0%

\bar{A} = A or Blank, A: standard model(IP65), Blank: optional model(IP68)



Best products also need best service.

We have authorized distributors all over the world. They have sufficient stock for your prompt delivery. Also they can offer you technical support & RMA services. Please contact your local distributors for more product information. You can also contact us at info@meanwell.com for information of your local distributors.

NEW

Under Development

TAIWAN EXCELLENCE 2015

		240W / 320W ONLY	
		INPUT	OUTPUT
Standard			
Optional <small>(Contact MW for details)</small>			

HEP-240/320

HEP-600

Features

- Universal AC input / Full range
- Built-in active PFC function
- No load power consumption <0.5W at remote OFF(HEP-600)
- **High efficiency up to 96%**
- Fanless design, cooling by free air convection
- Vo and Io can be adjusted through internal potentiometer
- Aluminum case and filling with heat-conducted glue
- -55~+70°C wide operating range (HEP-240/320);
-40~+70°C wide operating range (HEP-600)
- Meet 6kV surge immunity level (HEP-240/320)
- Withstand 10G vibration test (HEP-240/320);
Withstand 5G vibration test (HEP-600)
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Multiple models for choice:
 - A-Type: Standard model, IP65 rated. Vo and Io can be adjusted through internal potentiometer
 - Blank-Type: Optional model, IP68 rated
- **Suitable for general industrial applications at high/low temperature, high dust, high moisture, high vibration, or outdoor environment**
- **5 years warranty**

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

Model No.	HEP-240	HEP-320	HEP-600
AC input voltage range	90~264VAC; 127~373VDC		
AC inrush current (max.)	Cold start, 75A at 230VAC	Cold start, 70A at 230VAC	
DC adjustment range	-10%~+10% rated output voltage (A-Type only)		-15%~+5% rated output voltage
Current adjustment range	50%~100% rated output current adjustment by internal potentiometer (HEP-240/320 for A-Type only)		
Over current protection	105%~125% constant current limiting, auto-recovery		
Over voltage protection	108%~135% rated output voltage		
Setup, rise, hold up time	500ms, 80ms, 15ms at full load and 230VAC		
Withstand voltage	I/P-O/P: 3.75kVAC, I/P-FG: 2kVAC, O/P-FG: 1.5kVAC		I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 1.5kVAC
Working temperature	-55~+70°C (refer to output derating curve)		-40~+70°C (refer to output derating curve)
Safety standards	UL60950-1 approved ; Design refer to TUV EN60950-1		UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11		
Connection	Input	UL rated, SJTW 18AWGx3C (30cm)	
	Output	SJTW 14AWGx2C (30cm)	
Dimension (LxWxH)(mm)	244.2x 68x 38.8	252x 90x 43.8	280x 144x 48.5

HEP-240 Series

Model No.	Output	Tol.	R&N	Effi.
HEP-240-12A	12V, 0~16.0A	±2.5%	150mV	90.0%
HEP-240-15A	15V, 0~15.0A	±2.0%	150mV	90.0%
HEP-240-24A	24V, 0~10.0A	±1.0%	150mV	92.5%
HEP-240-36A	36V, 0~6.70A	±1.0%	250mV	92.5%
HEP-240-48A	48V, 0~5.00A	±1.0%	250mV	93.0%
HEP-240-54A	54V, 0~4.45A	±1.0%	350mV	93.5%

A = A or Blank, A: standard model(IP65), Blank: optional model(IP68)

HEP-320 Series

Model No.	Output	Tol.	R&N	Effi.
HEP-320-12A	12V, 0~22.0A	±3.0%	150mV	91.0%
HEP-320-15A	15V, 0~19.0A	±2.0%	150mV	92.5%
HEP-320-24A	24V, 0~13.34A	±1.0%	150mV	94.0%
HEP-320-36A	36V, 0~8.90A	±1.0%	250mV	94.5%
HEP-320-48A	48V, 0~6.70A	±1.0%	250mV	95.0%
HEP-320-54A	54V, 0~5.95A	±1.0%	350mV	95.0%

A = A or Blank, A: standard model(IP65), Blank: optional model(IP68)

HEP-600 Series

Model No.	Output	Tol.	R&N	Effi.
HEP-600-12	12V, 0~40A	±3.0%	150mV	93.0%
HEP-600-15	15V, 0~36A	±2.0%	150mV	94.0%
HEP-600-20	20V, 0~28A	±1.5%	150mV	95.0%
HEP-600-24	24V, 0~25A	±1.0%	150mV	95.0%
HEP-600-30	30V, 0~20A	±1.0%	200mV	95.5%
HEP-600-36	36V, 0~16.7A	±1.0%	250mV	95.5%
HEP-600-42	42V, 0~14.3A	±1.0%	250mV	96.0%
HEP-600-48	48V, 0~12.5A	±1.0%	250mV	96.0%
HEP-600-54	54V, 0~11.2A	±1.0%	350mV	96.0%



To satisfy customers is our goal —

- High Quality
- Low Cost
- Prompt Delivery
- Best Service