



Features

- Universal AC input **90~305VAC**
- High efficiency up to **95%**
- **Fanless design**, cooling by free air convection
- **Ultra-wide operating temperature**
- Meet **6kV** surge immunity level
- Withstand **10G** vibration test
- Operating altitude up to **5000** meters
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Multiple models for choice:
 - A-Type: **IP65 rated**, Vo and Io can be adjusted through internal potentiometer
 - Blank-Type(option): **IP68 rated**, Vo and Io fixed
- Suitable for general industrial applications at high/low temperature, high dust, high moisture, high vibration, high salt or outdoor environment
- **6 years warranty**

IP68 IP65



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

Model No.	HEP-240	HEP-320	HEP-480
AC input voltage range	85~264VAC, 120~370VDC		
AC inrush current (max.)	Cold start, 75A at 230VAC	Cold start, 70A at 230VAC	Cold start, 35A at 230VAC
DC adjustment range	Vo: -6%~+6% by VR (HEP-240 A-Type only) Io: 50%~100% of rated output current by VR (A-Type only)	Vo: -10%~+10% by VR (HEP-320 A-Type only) Io: 50%~100% of rated output current by VR (A-Type only)	Vo: -15%~+5% by VR Io: 50%~100% of rated output current by VR
Overload protection	105%~125% hiccup mode, auto-recovery		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, 80ms, 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)		-55~+65°C (refer to output derating curve)
Safety standards	UL62368-1, EAC TP TC 004 approved		
EMC standards	BS EN/EN55032 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EAC TP TC 020		
Connection	Input	UL rated, SJTW 18AWGx3C (30cm)	UL rated, SJOW 17AWGx3C (30cm)
	Output	SJTW 14AWGx2C (30cm)	SJOW 17AWGx2C+17AWGx2C
Dimension (LxWxH)(mm)	244.2x 68x 38.8	252x 90x 43.8	262x 125x 43.8

240W HEP-240

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

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

320W HEP-320

Model No.	Output	Tol.	R&N	Effi.
HEP-320-12[A]	12V, 0~22.0A	±3.0%	150mV	91.0%
HEP-320-15[A]	15V, 0~19.0A	±2.0%	150mV	92.5%

480W HEP-480

Model No.	Output	Tol.	R&N	Effi.
HEP-320-24[A]	24V, 0~13.34A	±1.0%	150mV	94.0%
HEP-320-36[A]	36V, 0~8.90A	±1.0%	250mV	94.0%
HEP-320-48[A]	48V, 0~6.70A	±1.0%	250mV	94.5%
HEP-320-54[A]	54V, 0~5.95A	±1.0%	350mV	95.0%

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

480W HEP-480

Model No.	Output	Tol.	R&N	Effi.
HEP-480-24[A]	24V, 0~20A	±1.0%	200mV	94.0%
HEP-480-36[A]	36V, 0~13.3A	±1.0%	250mV	95.0%
HEP-480-48[A]	48V, 0~10A	±1.0%	250mV	94.5%
HEP-480-54[A]	54V, 0~8.9A	±1.0%	350mV	95.0%

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