



Features

- Universal AC input **90~305VAC**
- 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
- **Ultra-wide operating temperature**
- Withstand **10G** vibration test
- Operating altitude up to **5000** meters
- Protections: Short circuit / Overload / Over voltage / Over temperature
- **Vo and Io can be adjusted through internal potentiometer**
- Suitable for general industrial applications at high/low temperature, high dust, high moisture, high vibration, high salt or outdoor environment
- Built-in PMBus protocol/ optional CANBus protocol (HEP-1000)
- Output voltage and current programmable(HEP-1000)
- Wiring type with IP67 rating (HEP-1000-W)
- **6 years warranty**

IP67 **PMBus**
(HEP-1000)

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



Model No.	HEP-600	HEP-1000
AC input voltage range	85~264VAC, 120~370VDC	90~305VAC; 250~431VDC
AC inrush current (max.)	Cold start, 70A at 230VAC	Cold start, 40A at 230VAC
DC adjustment range	Vo: -15%~+5% by potentiometer Io: 50%~100% of rated output current by VR	Vo: 0%~+25% by VR
Overload protection	105%~125% constant current limiting, auto-recovery	
Over voltage protection	108%~135% rated output voltage	125%~145% rated output voltage
Setup, rise, hold up time	500ms, 80ms, 15ms at full load and 230VAC	1800ms, 80ms, 12ms 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: 1.25kVAC
Working temperature	-40~+70°C (refer to output derating curve)	
Safety standards	UL62368-1, TUV BS EN/EN62368-1, EAC TP TC 004 approved	UL62368-1, TUV BS EN/EN62368-1, EAC TP TC 004 approved; design refer to EN61558-1, EN60335-1(by request)
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	3+4P / 11mm pitch terminal block with cover
	Output	
Dimension (LxWxH)(mm)	280x 144x 48.5	310x 144x 48.5

600W		HEP-600		
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%

1000W		HEP-1000		
Model No.	Output	Tol.	R&N	Effi.
HEP-1000-24□	24V, 0~42A	±1.0%	200mV	95%
HEP-1000-48□	48V, 0~21A	±1.0%	250mV	96%
HEP-1000-100□	100V, 0~10A	±1.0%	500mV	96%

□ = Blank or W; Blank:terminal type, W: wiring type with IP67

HEP-1000 Series functions

O E	unct on type	o er Supply unct on	C ar n unct on	V C ro ramma le	M u rotocol	C u rotocol	LED nd cator	emote On O	DC O S sal	emperature Compen at on	12V 0 u output
erm nal type											
r n type											