

HNM15W-30W系列

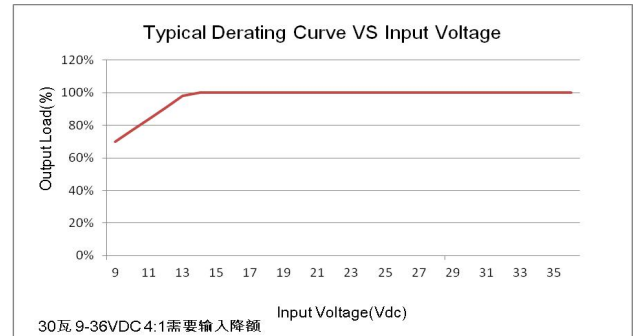
隔离型 15W-30W 单路和双路稳压输出 DC/DC 转换器

- 标准 1X1, 效率高达 89%, 4:1,2:1 输入范围, 稳压输出
- 固定开关频率, 输入欠压保护, 输出过流保护、短路保护
- 远程 On/Off, 外部 TRIM

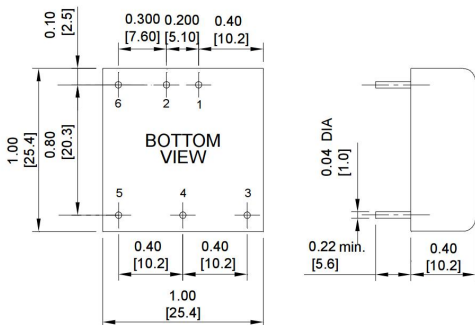


- 电压调整率: $\pm 0.5\%$ 最大
- 负载调整率: $\pm 1\%$ 最大
- 输出电压调节范围: $\pm 10\%V_o$ (外接电阻)
- 纹波和噪声: 3.3V&5V: <100 mV 峰峰值
其它输出: $<1\%V_o$ mV 峰峰值
- 电磁干扰: EN55022, class A and FCC, level A
(外接电容)
- 短路保护: 持续, 自恢复
- 过流保护: 110%-160%额定输出电流
- 工作温度范围: $-40^\circ\text{C} \sim 100^\circ\text{C}$ (壳温)
- 输入/输出 隔离电压: 1500VDC
- 安规: cUL/UL60950-1, EN/IEC60950-1, GB4943
- 外壳: 6面金属, 优良的散热, EMC 特性
- 远程开关 开: $>3.5\text{V to } V_{i,max}$ 或开路 关: $<0.5\text{VDC}$

型号	输入电压	输出电压	输出电流	效率
HNM15/20/25/30W-24S33	9-36VDC	3.3 VDC	4/5/6/7A	86%
HNM15/20/25/30W-24S05	9-36VDC	5 VDC	3/4/5/6A	87%
HNM15/20/25/30W-24S12	9-36VDC	12 VDC	1.25/1.67/2.1/2.5A	88%
HNM15/20/25/30W-24S15	9-36VDC	15 VDC	1/1.34/1.67/2A	88%
HNM15/20/25/30W-24S24	9-36VDC	24 VDC	0.63/0.84/1/1.25A	89%
HNM15/20/25/30W-24S28	9-36VDC	28 VDC	0.54/0.72/0.9/1.1A	87%
HNM15/20/25/30W-24S48	9-36VDC	48 VDC	0.32/0.42/0.5/0.6A	87%
HNM15/20W-24D05	9-36VDC	± 5 VDC	0.15/2/2.5/3A	87%
HNM15/20/25/30W-24D12	9-36VDC	± 12 VDC	0.63/0.84/1/1.25A	88%
HNM15/20/25/30W-24D15	9-36VDC	± 15 VDC	0.5/0.67/0.84/1A	88%
HNM15/20/25/30W-24D24	9-36VDC	± 24 VDC	0.32/0.42/0.5/0.6A	89%
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HNM15/20/25/30W-48S33	18-75VDC	3.3 VDC	4/5/6/7A	86%
HNM15/20/25/30W-48S05	18-75VDC	5 VDC	3/4/5/6A	87%
HNM15/20/25/30W-48S12	18-75VDC	12 VDC	1.25/1.67/2.1/2.5A	88%
HNM15/20/25/30W-48S15	18-75VDC	15 VDC	1/1.34/1.67/2A	88%
HNM15/20/25/30W-48S24	18-75VDC	24 VDC	0.63/0.84/1/1.25A	89%
HNM15/20/25/30W-48S28	18-75VDC	28 VDC	0.54/0.72/0.9/1.1A	87%
HNM15/20/25/30W-48S48	18-75VDC	48 VDC	0.32/0.42/0.5/0.6A	87%
HNM15/20W-48D05	18-75VDC	± 5 VDC	0.15/2/2.5/3A	87%
HNM15/20/25/30W-48D12	18-75VDC	± 12 VDC	0.63/0.84/1/1.25A	88%
HNM15/20/25/30W-48D15	18-75VDC	± 15 VDC	0.5/0.67/0.84/1A	88%
HNM15/20/25/30W-48D24	18-75VDC	± 24 VDC	0.32/0.42/0.5/0.6A	89%
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HNM15/20W-110S05	43-160VDC	5 VDC	3/4A	87%
HNM15/20W-110S12	43-160VDC	12 VDC	1.25/1.67A	88%
HNM15/20W-110S15	43-160VDC	15 VDC	1/1.34A	88%
HNM15/20W-110S24	43-160VDC	24 VDC	0.63/0.84A	89%
HNM15/20W-110S28	43-160VDC	28 VDC	0.54/0.72A	87%
HNM15/20W-110S48	43-160VDC	48 VDC	0.32/0.42A	87%



没有 'W' 是指 2:1 输入电压 9-18,18-36,36-75,66-160 VDC, 额定输入电压是 12,24, 48 或者 110 VDC. 30W输入 9VDC-12VDC时, 建议加强散热, 或降额至 25 瓦。尾缀带'H' 是指壳温范围为 $-55^\circ\text{C} \sim 105^\circ\text{C}$ 的军品级产品, 例如: AMD30W-24S05-H (30W瓦 9-36VDC 4:1 需要输入降额, 30 瓦, 9-18,18-36VDC 2:1 则不需要降额)



PIN CONNECTION		
Pin	Single	Dual
1	+Input	+Input
2	-Input	-Input
3	+V Output	+V Output
4	Trim	Common
5	-V Output	-V Output
6	Remote	Remote

