

# HNQ75W-150W系列

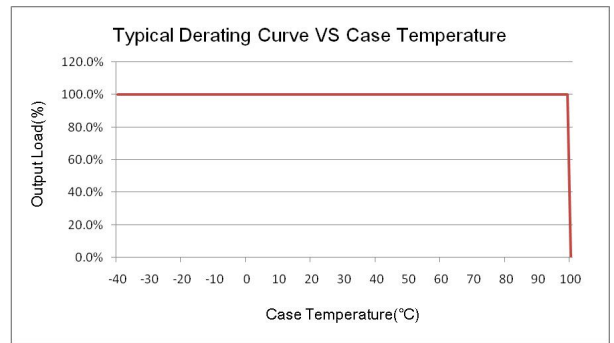
## 隔离型 75W-150W 单路稳压输出 DC/DC 转换器

- 标准 1/4 砖，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，过流保护，短路保护，过压保护
- 远程 On/Off，外部 TRIM，远端 SENSE 补偿，过温保护



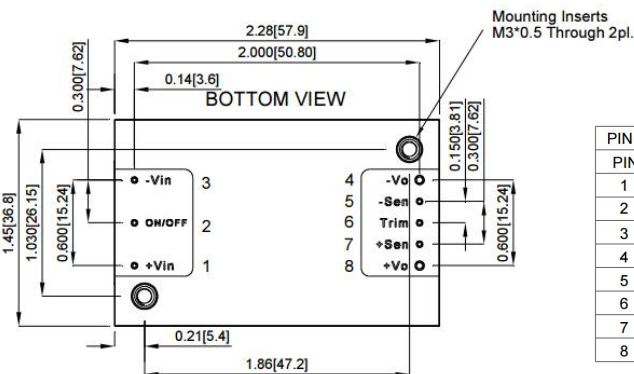
- 电压调整率:  $\pm 0.5\%$  最大
- 负载调整率:  $\pm 1\%$  最大
- 输出电压调节范围:  $\pm 10\%V_o$  (外接电阻)
- 纹波和噪声: 3.3V&5V:  $<100$  mV 峰峰值  
其它输出:  $<1\%V_o$  mV 峰峰值
- 电磁干扰: EN55022, class A and FCC, level A  
(外接电容)
- 短路保护: 持续, 自恢复
- 过流保护: 110%-160%额定输出电流
- 过压保护: 120%-140%额定输出电压
- 过温保护: 105°C, 回滞 20°C
- 工作温度范围: -40°C ~100°C
- 输入/输出 隔离电压: 1500VDC
- 安规: cUL/UL60950-1, EN/IEC60950-1, GB4943
- 外壳: 铝基板, 优良的散热, EMC 特性
- 远程开关 开:  $>3.5V$  to  $V_{i,max}$  或开路 关:  $<0.5VDC$
- 远程补偿  $\pm 10\% V_o$

型号	输入电压	输出电压	输出电流	效率
HNQ75/100/150W-24S33	9-36VDC	3.3 VDC	20/25/35A	86%
HNQ75/100/150W-24S05	9-36VDC	5 VDC	15/20/30A	87%
HNQ75/100/150W-24S12	9-36VDC	12 VDC	6.2/8.3/12.5A	88%
HNQ75/100/150W-24S15	9-36VDC	15 VDC	5/6.7/10A	88%
HNQ75/100/150W-24S24	9-36VDC	24 VDC	3.1/4.2/6.3A	89%
HNQ75/100/150W-24S28	9-36VDC	28 VDC	2.7/3.6/5.4A	87%
HNQ75/100/150W-24S48	9-36VDC	48 VDC	1.6/2.1/3.1A	87%
HNQ75/100/150W-48S33	18-75VDC	3.3 VDC	20/25/35A	86%
HNQ75/100/150W-48S05	18-75VDC	5 VDC	15/20/30A	87%
HNQ75/100/150W-48S12	18-75VDC	12 VDC	6.2/8.3/12.5A	88%
HNQ75/100/150W-48S15	18-75VDC	15 VDC	5/6.7/10A	88%
HNQ75/100/150W-48S24	18-75VDC	24 VDC	3.1/4.2/6.3A	89%
HNQ75/100/150W-48S28	18-75VDC	28 VDC	2.7/3.6/5.4A	87%
HNQ75/100/150W-48S48	18-75VDC	48 VDC	1.6/2.1/3.1A	87%
HNQ75/100/150W-110S33	43-160VD	3.3 VDC	20/25/35A	86%
HNQ75/100/150W-110S05	43-160VD	5 VDC	15/20/30A	87%
HNQ75/100/150W-110S12	43-160VD	12 VDC	6.2/8.3/12.5A	88%
HNQ75/100/150W-110S15	43-160VD	15 VDC	5/6.7/10A	88%
HNQ75/100/150W-110S24	43-160VD	24 VDC	3.1/4.2/6.3A	89%
HNQ75/100/150W-110S28	43-160VD	28 VDC	2.7/3.6/5.4A	87%
HNQ75/100/150W-110S48	43-160VD	48 VDC	1.6/2.1/3.1A	87%
HNQ75/100/150W-300S33	180-425V	3.3 VDC	20/25/35A	86%
HNQ75/100/150W-300S05	180-425V	5 VDC	15/20/30A	87%
HNQ75/100/150W-300S12	180-425V	12 VDC	6.2/8.3/12.5A	88%
HNQ75/100/150W-300S15	180-425V	15 VDC	5/6.7/10A	88%
HNQ75/100/150W-300S24	180-425V	24 VDC	3.1/4.2/6.3A	89%
HNQ75/100/150W-300S28	180-425V	28 VDC	2.7/3.6/5.4A	87%
HNQ75/100/150W-300S48	180-425V	48 VDC	1.6/2.1/3.1A	87%



### 24/48/110S

### 300S



PIN CONNECTION	
PIN	Function
1	+V Input
2	On/Off
3	-V Input
4	-V Output
5	-Sense
6	Trim
7	+Sense
8	+V Output

