

# Ring Generator

## Encapsulate

### Features

- ◆ Standard quarter brick:  
60\*50\*8.5mm & 100\*100\*13mm  
2.36"\*1.96"\*0.33" & 3.93"\*3.93"\*0.51"
- ◆ 3~75W output power
- ◆ High efficiency: 83%
- ◆ Wide input range:36~75Vdc
- ◆ Remote control, trim, sense functions
- ◆ Over-current, and short circus protections

### Environmental

- ◆ Operating temperature:-25°C~95°C
- ◆ Storage temperature: -55°C~125°C
- ◆ Over-temperature protection:  
100°C~125°C
- ◆ MTBF≥1,200,000 hours

### Safety

UL  
TUV  
CE  
CSA

### Electrical Specifications

#### ◆ Input

Input voltage range:

18~36Vdc

36~75Vdc

#### ◆ Output

◆ Voltage setpoint accuracy:  $\pm 5\text{Vac max}$

◆ Voltage adjust:  $\pm 10\% \text{Vout}$

◆ Line regulation:  $\pm 2\% \text{Vout}$

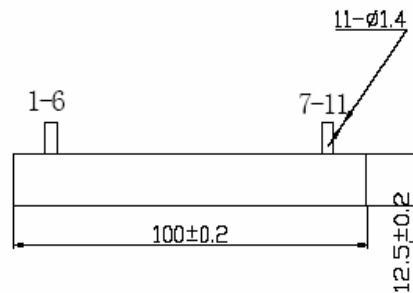
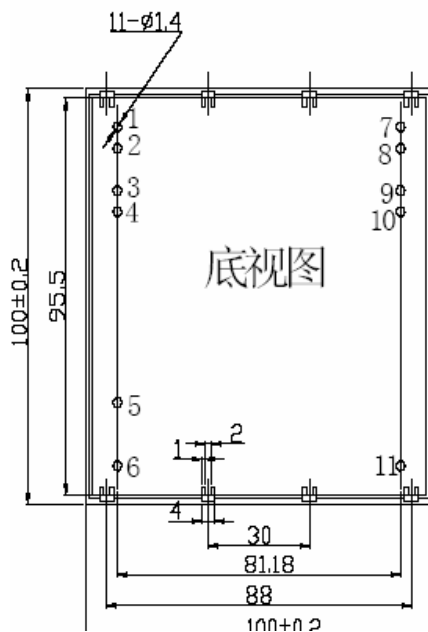
◆ Load regulation:  $\pm 2\% \text{Vout}$



## Ordering Information

Part No.	Model	Input	Output	Size (mm)	Power(W)
M007	RG3-24	18~36VDC	75VAC/40mA	60*50*9.2	3
M002	RG3-48	36~75VDC	75VAC/40mA	60*50*8.5	3
M004	RG6-48	36~75VDC	75VAC/80mA	60*50*8.5	6
M001	RG30-48	36~75VDC	75VAC/400mA	100*100*13	30
M006	RG40-48	36~72VDC	75VAC/533mA	100*100*13	40
M005	RG75-48	36~72VDC	75VAC/1000mA	100*100*16	75

## Dimensions



PIN Assignment	
1	CNT
2	+Vin
3	+Vin
4	-Vin
5	-Vin
6	+Vo
7	+Vo
8	+Vo
9	+Vo
10	-Vo
11	-Vo
12	-Vo