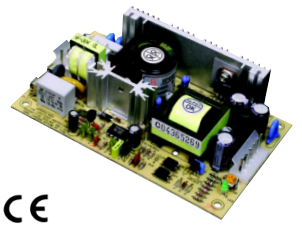
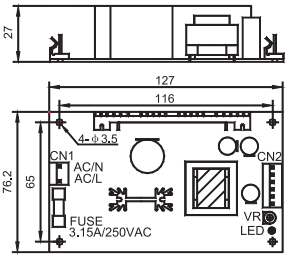
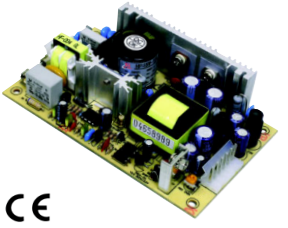
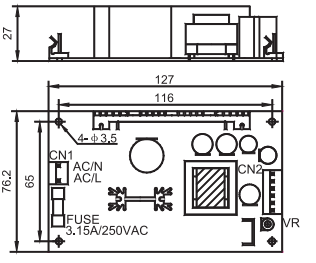
45W 1~3 Output Open Frame Series

- Universal AC input / full range
- High reliability
- Miniature PCB structure
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ over voltage/ short circuit
- Free air cooling convection
- 2 years warranty
- 127 x 76.2 x 27(mm)









AC input voltage range	85~264VAC (120~370VDC)
Inrush current	cold start, 20A/115V, 40A/230V
Input leakage current	＜0.5mA/ 230VAC
Line regulation (full load)	≤±0.5%
Load regulation	V_1: ≤± 1%, V_2,V_3: ≤± 6%
Output voltage adjust range	single output: ± 10%, multi-output: V_1: ± 5%
Output overload protection	110~150%, hiccup mode, auto recovery
Output over voltage protection	115~150%
Withstand voltage	I/P -O/P: 3.0KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Rise, Hold up time	50ms, 20ms@full load (typical)
Operating temp. & humidity	-10℃~+50℃, 20%~93%RH (non condensing)
Storage temp. & humidity	-20℃~+85℃, 20%~95%RH (non condensing)
Safety standards	meet GB4943, UL60950, EN60950
EMC standards	meet GB9254, EN55022 classB, EN61000
Connection	2P, 4P/ 3.96mm pitch, 1~2 outputs 2P, 6P/ 3.96mm pitch, 3 outputs

Single Output

Model	DC Output		Load regul.	R&N	Efficiency
HF45W-SPL-5	5V	8.0A	0.5%	80mV	76%
HF45W-SPL-12	12V	3.7A	0.5%	100mV	79%
HF45W-SPL-24	24V	1.9A	0.5%	120mV	82%
HF45W-SPL-48	48V	1.0A	0.5%	150mV	83%

* 3~48VDC output all available.

Dual Output

Model	DC Output		R&N	Efficiency
HF45W-DPL-A	5V	0.4~5.0A	50mV	77%
	12V	0.2~2.5A	120mV	
HF45W-DPL- B	5V	0.4~5.0A	50mV	78%
	24V	0.2~1.8A	150mV	

Triple Output

Model	DC Output		R&N	Efficiency
HF45W-TPL-A	5V	0.4~5.0A	50mV	75%
	12V	0.2~2.5A	120mV	
	-5V	0.0~0.5A	50mV	
HF45W-TPL-B	5V	0.4~5.0A	50mV	75%
	12V	0.2~2.5A	120mV	
	-12V	0.0~0.5A	100mV	
HF45W-TPL-C	5V	0.4~5.0A	50mV	75%
	15V	0.2~2.3A	120mV	
	-15V	0.0~0.5A	100mV	