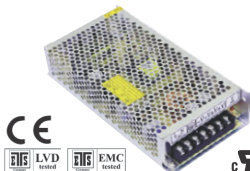


## 100W Single Output Series - Certified



- High reliability
- AC input range selected by switch
- Approvals: UL, ETS/LVD/EMC/ CE
- Protections: over current/ over voltage/ short circuit
- 2 years warranty
- F610 199 x 98 x 39(mm)

AC input voltage range .....	85~132/ 170~264VAC selected by switch
Input frequency .....	47~63Hz
Inrush current .....	cold start, 20A/115V, 40A/230V
Input leakage current .....	< 0.7mA/ 230VAC
Line regulation (full load) .....	$\leq \pm 0.5\%$
Output voltage adjust range .....	$\pm 10\%$
Output over current protection .....	110~130%, constant current, 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°C~+50°C, 20%~93%RH (non condensing)
Storage temp. & humidity .....	-20°C~+85°C, 20%~95%RH (non condensing)
MTBF .....	100,000 hours
Safety standards .....	GB4943, UL60950, EN60950
EMC standards .....	GB9254, EN55022 classB, EN55024 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method .....	convection

Model	DC Output		Load regul.	R & N	Efficiency
HF100W-SF-5	5V	20A	0.5%	100mV	77%
HF100W-SF-7.5	7.5V	13.5A	0.5%	100mV	78%
HF100W-SF-12	12V	8.5A	0.5%	100mV	82%
HF100W-SF-13.8	13.8V	7.5A	0.5%	100mV	82%
HF100W-SF-15	15V	6.7A	0.5%	100mV	82%
HF100W-SF-24	24V	4.5A	0.5%	100mV	83%
HF100W-SF-48	48V	2.2A	0.5%	150mV	84%

\*Note: Max.V=48, Max.A=20, Max.VA=100

## Drawing

