

# 20W Single Output Series - with approval



- Universal AC input / full range
- High reliability
- Approvals: ETS/EMC/ CE
- 100% full load burn-in test
- Protections: overload/ over voltage/ short circuit
- 2 years warranty
- F602 111 x 78 x 36(mm)

AC input voltage range .....	85~264VAC (120~370VDC)
Input frequency .....	47~63Hz
Inrush current .....	cold start, 15A/115V, 30A/230V
Input leakage current .....	< 0.5mA/ 230VAC
Line regulation (full load) .....	≤ ± 0.5%
Output voltage adjust range .....	± 10%
Output overload protection .....	110~150%
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 time .....	50ms@full load (typical)
Hold up time .....	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)
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
HF20W-SL-5	5V	4.0A	0.5%	60mV	72%
HF20W-SL-12	12V	1.7A	0.5%	80mV	76%
HF20W-SL-15	15V	1.4A	0.5%	100mV	78%
HF20W-SL-24	24V	0.8A	0.5%	100mV	80%
HF20W-SL-48	48V	0.4A	0.5%	150mV	81%

\* 3~48VDC output all available.

## Drawing

