

20W with Battery Charging Function



- To charge lead acid or lithium battery
- Auto switch when power off (UPS function)
- AC input failure signal
- Battery low signal
- Charging current limited
- Battery low protection
- 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	V ₁ : ± 5% of rated output voltage
	V ₂ : unadjustable
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	meet GB4943, UL60950, EN60950
EMC standards	meet GB9254, EN55022 classB
	EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection

Model	DC Output		R&N	Efficiency
HF20W-SB-12	12V	1.5A	120mV	72%
	13.8V	0.5A(Charger)		
HF20W-SB-24	24V	0.7A	150mV	74%
	27.1V	0.2A(Charger)		

Drawing

