

# 40W 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
- F603 129 x 98 x 40(mm)



AC input voltage range .....	85~264VAC (120~370VDC)
Input frequency .....	47~63Hz
Inrush current .....	cold start, 20A/115V, 40A/230V
Input leakage current .....	< 0.7mA/ 230VAC
Line regulation (full load) .....	≤ ± 0.5%
Output voltage adjust range .....	V <sub>1</sub> : ± 5% of rated output voltage V <sub>2</sub> : 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
HF40W-SB-13.8	13.8V	2.9A	100mV	70%
	13.4V	0.23A(Charger)		
HF40W-SB-27.6	27.6V	1.4A	100mV	73%
	26.5V	0.16A(Charger)		

## Drawing

