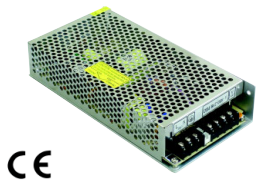
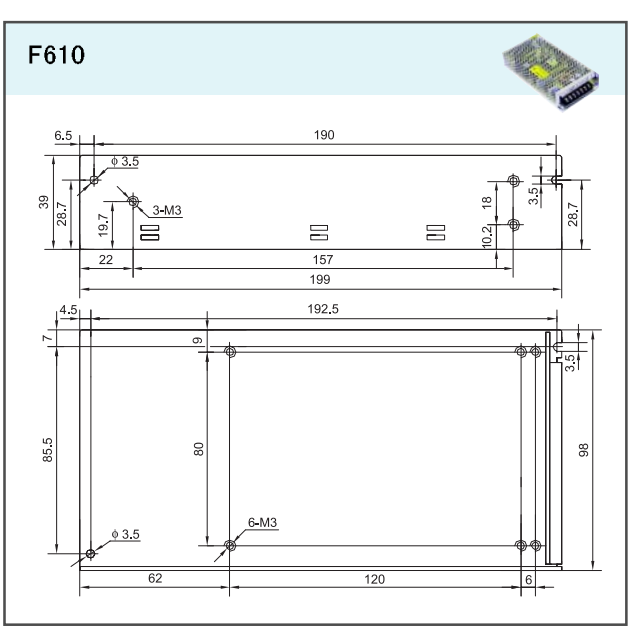
100W with Battery Charging Function



- 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: 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)	≤±0.5%
Output voltage adjust range	V_1: ± 5% of rated output voltage V_2: unadjustable
Output over current protection	110~130%
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℃~+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 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection

Model	DC Output		R&N	Efficiency
HF100W-SB-13.8	13.8V	6.0A	100mV	82%
	13.3V	0.5A(Charger)		
HF100W-SB-27.6	27.6V	3.0A	100mV	83%
	27.1V	0.5A(Charger)		

Drawing

F610