



## Spectrum Series BES- 1100 /1600/2500 -LF

- Engineered in UK assembled in India.
- Simple Design with low frequency technology.
- Robust build for over 10 years of Life.
- Digitally filtered PURE SINCE WAVE.
- Integrated AC & Solar charge controller.
- Deep discharge battery charging from AC & Solar.

DATASHEET	BES-1100-LF	BES-1600-LF	BES-2500-LF
Battery Voltage	12VDC	12VDC	24VDC
Battery Type	Lead/Tubular	Lead/Tubular	Lead/Tubular
<b>INVERTER OUTPUT</b>			
Rated Power	800W	1280W	2000W
Parallel Capability	No	No	No
AC Voltage Regulation (Battery Mode)	220 +/-5%	220 +/-5%	220 +/-5%
Surge Power	3300VA	4800VA	7500VA
Efficiency	>90%	>90%	>90%
Waveform	Pure since wave	Pure since wave	Pure since wave
Transfer Time	<10ms	<10ms	<10ms
<b>SOLAR CHARGER</b>			
Maximum PV Array Power	1000W	1600W	2500W
PWM Operating Voltage	45Vdc	45Vdc	45Vdc
PWM Max Amp	20Amp	20Amp	20Amp
Solar Charge Current	20Amp	20Amp	20Amp
<b>AC CHARGER</b>			
AC Input Voltage	220-240V	220-240V	220-240V
Frequency Range	50Hz	50Hz	50Hz
AC Charge Current	16Amp	16Amp	16Amp
<b>PHYSICAL</b>			
Protection Degree	IP20	IP20	IP20
Dimension (W/H/D) mm	370*345*240	370*350*330	405*350*330
Net Weight Kg	11	17.5	23
<b>OPERATING ENVIRONMENT</b>			
Humidity	<50	<50	<50
Operating Temperature C	0-50	0-50	0-50
Storage Temperature C	0-50	0-50	0-50

WE PROVIDE YOU POWER