



## Spectrum Series BES- 5000 /7500/ 10K -LF

- Engineered in UK assembled in India.
- Designed for SERIOUS APPLICATIONS which demand more power!
- 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-5000-LF	BES-7500-LF	BES-10K-LF
Battery Voltage	96VDC	96VDC	120VDC
Battery Type	Lead/Tubular	Lead/Tubular	Lead/Tubular
<b>INVERTER OUTPUT</b>			
Rated Power	4000W	6000W	8000W
Parallel Capability	No	No	No
AC Voltage Regulation (Battery Mode)	220 +/-5%	220 +/-5%	220 +/-5%
Surge Power	15KVA	22.5KVA	30KVA
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	5000W	7500W	7500W
PWM Operating Voltage	180Vdc	180Vdc	180Vdc
PWM Max Amp	70Amp	70Amp	70Amp
Solar Charge Current	70Amp	70Amp	70Amp
<b>AC CHARGER</b>			
AC Input Voltage	220-240V	220-240V	220-240V
Frequency Range	50Hz	50Hz	50Hz
AC Charge Current Per Battery	18Amp	18Amp	18Amp
<b>PHYSICAL</b>			
Protection Degree	IP20	IP20	IP20
Dimension (W/H/D) mm	500*495*660	600*500*740	600*500*740
Net Weight Kg	52	72	92
<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**