



## Spectrum Series BES-3500-HF / BES-5500-HF

- Engineered in UK assembled in China.
- Stylish design with Robust build.
- Digitally filtered PURE SINCE WAVE.
- Integrated AC & Solar charge controller with 100Amp MPPT.
- Deep discharge battery charging from AC & Solar.
- Mobile App for easy monitoring.



DATASHEET	BES-3500-HF	BES-5500-HF
Battery Voltage	24VDC	48VDC
Battery Type	Lead/Tubular/Lithium	Lead/Tubular/Lithium
<b>INVERTER OUTPUT</b>		
Rated Power	3500W	5500W
Parallel Capability	No	No
AC Voltage Regulation (Battery Mode)	230 +/-5%	230 +/-5%
Surge Power	7000VA	11000VA
Efficiency	>97%	>97%
Waveform	Pure since wave	Pure since wave
Transfer Time	<10ms	<10ms
<b>SOLAR CHARGER</b>		
Maximum PV Array Power	5000W	6000W
MPPT Operating Voltage	120 – 450Vdc	120 – 450Vdc
Maximum PV Array VOC	500VDC	500VDC
MPPT Max Amp	100Amp	100Amp
Maximum Solar Charge Current	100Amp	100Amp
<b>AC CHARGER</b>		
AC Input Voltage	220-240V	220-240V
Frequency Range	50Hz	50Hz
AC Charge Current	100Amp	100Amp
<b>PHYSICAL</b>		
Protection Degree	IP20	
Dimension (W/H/D) mm	300*440*100	
Net Weight Kg	11	12
Communication Interface	USB/RS323/WiFi	
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity (Non Condensing)	
Operating Temperature C	0-55	
Storage Temperature C	0-65	

WE PROVIDE YOU POWER