



Spectrum Series BES-3000-HF / BES-5000-HF

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

DATASHEET	BES-3000-HF	BES-5000-HF
Battery Voltage	24VDC	48VDC
Battery Type	Lead/Tubular/Lithium	Lead/Tubular/Lithium
INVERTER OUTPUT		
Rated Power	3000W	5000W
Parallel Capability	Yes	Yes
AC Voltage Regulation (Battery Mode)	220 +/-5%	220 +/-5%
Surge Power	6000VA	10000VA
Efficiency	>95%	>95%
Waveform	Pure since wave	Pure since wave
Transfer Time	<10ms	<10ms
SOLAR CHARGER		
Maximum PV Array Power	4000W	6000W
MPPT Operating Voltage	120 – 450Vdc	120 – 450Vdc
MPPT Max Amp	80Amp	80Amp
Solar Charge Current	80Amp	80Amp
AC CHARGER		
AC Input Voltage	220-240V	220-240V
Frequency Range	50Hz	50Hz
AC Charge Current	80Amp	60Amp
PHYSICAL		
Protection Degree	IP20	IP20
Dimension (W/H/D) mm	110*309*355	110*309*415
Net Weight Kg	8.5	11
OPERATING ENVIRONMENT		
Humidity	<50	<50
Operating Temperature C	0-50	0-50
Storage Temperature C	0-65	0-65

WE PROVIDE YOU POWER