



Why come to us for a solution?

- Quality products
- Wide range of products
- Nationwide backup
- Locally produced UPS's
- Competitively priced
- Unique design
- Good value for money
- 24 hours after sales services



BLUSKY SERIES OFF-GRID

INVERTER 3600W - 5600W

The Blusky Series Off-Grid Inverter offers the latest in inverter technology, featuring a 4.3" LCD. This pure sine wave solar inverter is ideal for small businesses and residential installations. Batteries are charged via solar or mains, which can be selected on the LCD. With a powerful built-in solar charger, the inverter can fully charge the batteries in a short period, as well as equalize batteries for extended lifecycles.



APPLICATION

PC's, Workstations, Terminals, SOHO, Servers, Industry Equipment, Modems, Desktop Printers, PABX's, TV's, DSTV, Fibre Routers, etc.

FEATURES

- Pure sine wave inverter
- Microprocessor controlled
- Touchable button with 4.3" colored LCD
- Supports USB On-the-Go Function
- Customizable status LED Ring with RGB lights
- Built-in Wifi for mobile monitoring
- Data log events stored in the inverter
- Battery independent design
- Smart Communication port (RS485, CAB-BUS or RS232) for BMS
- Battery equalization extends battery life
- User-friendly LCD operation
- Enhanced charging power
- Parallel function model available

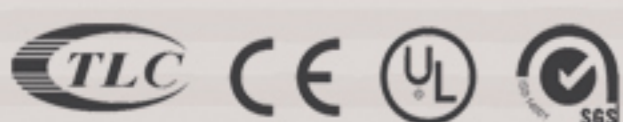


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INVERTER 3600W - 5600W

MODEL	BSS3624	BSS56448	BSS3648P	BSS5648P
CAPACITY (W)	3600W	5600W	3600W	5600W
INPUT				
VOLTAGE	230VAC			
SELECTABLE VOLTAGE RANGE	170-280 VAC (UPS) ; 90 - 300 VAC (appliances)			
FREQUENCY	50Hz /60Hz (Auto sensing)			
OUTPUT				
AC VOLTAGE REGULATION (battery mode)	230VAC ± 5%			
SURGE POWER	7200W 5 seconds	11200W 5 seconds	7200W 5 seconds	11200W 5 seconds
EFFICIENCY (PEAK)	93%	90%	93%	90%
OVERLOAD PROTECTION	5sec - 130%; 10sec - 105%-130% load		5sec - 150%; 10sec - 110%-150% load	
TRANSFER TIME	10ms (UPS) ; 20ms (Appliances)			
WAVEFORM	sine wave			
BATTERY				
CHARGING CURRENT (UPS)	100A	120A	100A	
BATTERY VOLTAGE	24VDC	48VDC	48VDC	
BULK CHARGING - Flooded Battery	29.2VDC	58.4VDC	58.4VDC	
BULK CHARGING - AGM / Gel Battery	28.2VDC	56.4VDC	56.4VDC	
FLOATING CHARGE VOLTAGE	27VDC	54VDC	54VDC	
CHARGING ALGORITHM	3-Step			
SOLAR CHARGER & AC CHARGER				
SOLAR CHARGER TYPE	MPPT	MPPT	MPPT	MPPT
MAXIMUM PV ARRAY POWER	5000W	6000W	4000W	6000W
MPPT RANGE @ OPERATING VOLTAGE	120 - 430 VDC		120 - 450 VDC	
START-UP VOLTAGE	150VDC ±10VDC			
MAXIMUM PV ARRAY OPEN CIRCUIT VOLTAGE	500VDC	450VDC	500VDC	500VDC
MAXIMUM CHARGE CURRENT - AC + SOLAR	100A	120A		
PHYSICAL				
WIFI	YES			
NET / GROSS WEIGHT (kg)	10kg /11kg	11kg /12kg	12kg / 13kg	13kg / 15kg
DIMENSION - D x W x H	140mm x 295mm x 468mm		119mm x 314mm x 423mm	
PACKAGED DIMENSIONS - D x W x H	220mm x 395mm x 495mm		220mm x 395mm x 590mm	
PARALLEL FUNCTION	NO		YES	
COMMUNICATION INTERFACE	USB/RS232/RS485/WIFI/DRY-CONTACT			
OPERATING ENVIROMENT				
HUMIDITY	5% to 95% relative humidity (non=condensing)			
OPERATING TEMPERATURE	-10°C to 50°C			
STORAGE TEMPERATURE	-15°C to 60°C			

Notes:



In the interests of continuous product improvement, all specifications are subject to change without notice.