SMARTEN®

FUSION IS THE FUTURE

FOLLOW US ON SOCIAL MEDIA

smartenpowersystems.com I Scan QR to connect with us!

Contact Us +91 8506909749 export@smartenpowersystems.com

MAKE IN INDIA

Smarten Power Systems Ltd.

Plot No -374, Pace City-II, Sector 37, Gurugram, Haryana. India.

SOLAR ENERGY

SMARTEN®

FUSION IS THE FUTURE

COMPLETE ENERGY SOLUTIONS

INNOVATIVE • RELIABLE • SUSTAINABLE


SMARTEN
SMARTEN
SMARTEN

SMARTEN®
FUSION IS THE FUTURE

BRAVO

PURE SINE WAVE HOME UPS
850VA TO 10KVA



Key Features

- **20A/30A* FAST CHARGING**
- **SMART CHARGING AT 90V**
- **BACKFEED & PHASE TO PHASE PROTECTION**
- **COMPATIBLE WITH ALL BATTERY TYPES**

The BRAVO Home UPS is engineered to deliver reliable, high-quality power for homes and everyday electrical loads. When mains power is available, BRAVO efficiently powers connected appliances while charging the battery. During a power outage, it automatically switches to battery backup, ensuring uninterrupted and stable AC power.

Integrated Stabilizer & Intelligent Charging
What sets BRAVO apart is its built-in voltage stabilizer and intelligent battery charging system. The integrated stabilizer helps protect connected appliances from voltage fluctuations, eliminating the need for a separate external stabilizer. Its advanced charging system supports efficient battery charging and recovery, helping maintain dependable backup performance.

• 30A FAST CHARGING* Available for 3.2 kVA only

SMARTEN®
FUSION IS THE FUTURE

SMARTEN POWER SYSTEMS LIMITED

BRAVO PURE SINE WAVE HOME UPS
850VA TO 10kVA

PRODUCT SPECIFICATIONS

MODEL NAME	850VA	1050VA	1250VA	1500VA	2KVA	2.5KVA	3.2KVA	3.5KVA	5.5KVA	5.5KVA	6KVA	7.5KVA	10KVA
MAINS MODE													
Mains AC Input Voltage Range (UPS Mode)	185VAC to 255VAC ± 10VAC												
Mains AC Low Cut/High Cut Voltage (UPS Mode)	175VAC/265VAC ± 10VAC												
Mains AC Low Cut/-High Cut Recovery Voltage (UPS Mode)	185VAC/255VAC±10VAC												
Mains AC Input Voltage Range (WUPS Mode)	110VAC to 285VAC ± 10VAC												
Mains AC Low Cut/High Cut Voltage (WUPS Mode)	90VAC / 295VAC ± 10VAC												
Mains AC Low Cut/-High Cut Recovery Voltage (WUPS Mode)	110VAC/285VAC ± 10VAC												
Input Frequency Range	40Hz TO 60Hz												
BATTERY													
Battery Type	LA/Tubular/SMF/Li-Ion												
DC Input Voltage (Battery AH : 100AH to 260AH)	12V				24V			48V	48V	96V	72V	96V	120V
Battery Deep Discharge Recovery	Yes (Independent Charger to recover Deep Discharge Battery)												
Charging Current Setting (I/P Voltage 135-295VAC)	20A/25A ± 3A			25A/30A ± 3A	20A/25A ± 3A		25A/30A ± 3A	20A/30A ± 3A					
BACKUP MODE													
Output Voltage/ Frequency	220VAC ± 10%, 50Hz ± 0.2Hz												
Output Waveform & THD	Pure Sine Wave, ≤ 5% THD												
Low Battery Warning	10.8V ± 0.2V Per Battery												
Low Battery Cut	10.4V ± 0.2V Per Battery												
Change over time UPS mode	<10ms												
Change over time WUPS mode	<25ms												
PROTECTIONS													
Overload in Backup Mode	Yes provided , System will give Overload Indication at 101% Load.												
Short circuit in Backup mode	System will shutdown after 3 retries in case of Output Short Circuit.												
Short circuit in Mains mode	Mains Fuse will be blown			Mains MCB will trip									
Backfeed	System will shutdown & there will be no retry												
Over Temperature	Yes provided, if heat sink temp. goes above 100 degree C. System will shut down.												
Reverse Battery	DC Fuse will be blown							DC MCB will trip					
DISPLAYS & ALARMS													
LCD Status Display	Mains ON, Input Voltage/ Frequency , Battery Voltage/ Charging/ Charged , Battery Charging Current , Backup Mode , UPS ON/OFF , Load % , Output Voltage/ Frequency, Mains Low Cut/ High Cut ,Mains Not Available Etc.												
Buzzer	Audible Beep for Overload, Short Ckt, Backfeed, Low Battery, Mains Fuse Blown/ Mains MCB Trip , Over Temp.												
WEIGHT & DIMENSIONS													
Dimensions (in mm)	270*190*125				340*230*260			350*230*310		530*360*585		550*410*650	
Weight (Kgs)	8.5	9.35	9.5	13.5	18.5	21.4	22.4	25.2	26.3	43	51	73	78

www.smartenpowersystems.com