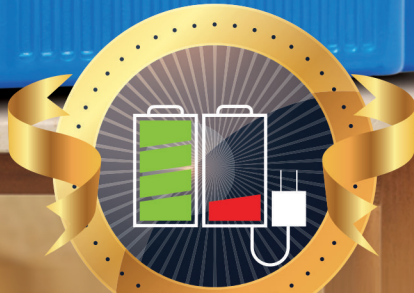


# NEVER FEEL POWERLESS

**BRAVO HOME UPS**  
PURE SINE WAVE HOME UPS  
(300VA-10KVA)



**INDEPENDENT CHARGER FOR THE RECOVERY OF DEEP DISCHARGED BATTERY**



**15 Ampere Current For Faster Battery Charging**



**Battery Charge at very low Voltage till 70V.\***



**Complete Protection From Back Feed And Phase To Phase Supply.**



**User friendly Interface.**

IS 16242 (Part 1): 2014



R-91004766



**PRODUCT SPECIFICATIONS**

MODEL NAME	300VA	500VA	700VA	900VA	1100VA	1500VA	1700VA	2000VA	2500VA	2500VA	3500VA	5000VA	5000VA	6000VA	7500VA	10000VA	
<b>MAINS MODE</b>																	
Mains AC low-high cut UPS mode	175VAC-265VAC ± 10 V																
Mains AC low-high recovery cut UPS mode	185VAC - 255 VAC ± 10VAC																
Mains AC low-high cut WUPS mode	90VAC - 295 VAC ± 10VAC																
Mains AC low-high recovery cut WUPS mode	110VAC - 285 VAC ± 10VAC																
Input Frequency Range	48Hz to 52Hz																
<b>Battery</b>																	
DC input voltage	12V				24V			36V	48V	96V	72V	96V	120V				
Battery deep Discharge Recovery	Yes (Independent Charger to Recover Deep Discharge Battery)																
Charging Current 100Ah-135Ah Setting (I/P range 135VAC to 295VAC)	6.5A ± 1A (50-80Ah Battery)		12A/15A ± 2A														
Charging Current 150Ah-220Ah Setting (I/P range 135VAC to 295VAC)	10A ± 1A (100-135Ah Battery)		15A/20A ± 2A														
<b>Backup Mode</b>																	
Output voltage / Frequency	220VAC +5% -10% (until battery low alarm)																
Output Frequency	50Hz ± 0.2 Hz																
Output waveform	Pure Sine Wave ≤ 5% THD																
Low Battery Warning	10.8V ± 0.2V				21.6V ± 0.2V			32.4V ± 0.2V	43.2V ± 0.4V	86.4V ± 0.4V	64.8V ± 0.4V	86.4V ± 0.4V	108V ± 0.4V				
Low Battery Cut	10.4V ± 0.2V				20.8V ± 0.2V			31.8V ± 0.2V	42.4V ± 0.4V	84.8V ± 0.4V	63.6V ± 0.4V	84.8V ± 0.4V	106V ± 0.4V				
Change over time UPS mode	< 10msec										< 4msec						
Change over time WUPS mode	< 25msec																
<b>Protections</b>																	
Overload in backup mode	Yes provided, system will give 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 blown								Mains MCB will trip								
Back feed	System will shutdown in case of back feed and there is no retry																
Over temperature	Yes provided, if heat sink temperature goes above 100°C System will shut down																
Reverse Battery	DC fuse will blown									Battery MCB will trip							
<b>Display and Alarms</b>																	
LED Status Display	Mains ON, Input Voltage, Input Frequency, Battery Voltage, Battery Charging, Battery Charged, Charging Current, Backup Mode, UPS ON, UPS OFF, Battery Voltage, Load %, Output Voltage, Output Frequency, Mains Low Cut, Mains High Cut, Mains Not Available, Mains Frequency Cut																
Buzzer	Audible beep for Overload, Short Circuit, Back feed, Low Battery, Over Temperature, Mains Fuse blown / MCB Trip																
<b>Weight and Dimensions</b>																	
Dimensions in mm	301x297x160			270x190x125			340x230x260			350x230x310			530x360x585		550x410x650		
Weight	6.5Kg	8Kg	8.5kg	9.35kg	9.5kg	13.5 Kg	15.9kg	18.5kg	21.4kg	23.5Kg	25.2Kg	26.3kg	43kg	51kg	73kg	78kg	


**HOME UPS**
**SOLAR PCU**
**TUBULAR BATTERY**
**SMF BATTERY**
**MPPT SOLAR  
POWER CONDITIONING UNIT**
**SOLAR  
CHARGE CONTROLLER**
**SOLAR  
KITS & ACCESSORIES**
**SMARTEN POWER SYSTEMS PVT. LTD.**

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