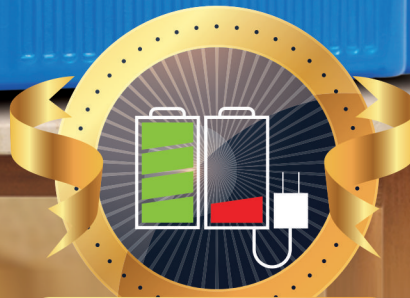


NEVER FEEL POWERLESS

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
MAINS MODE																
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															
Battery																
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													
Backup Mode																
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															
Protections																
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						
Display and Alarms																
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															
Weight and Dimensions																
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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