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**HOODI SERIES
SINEWAVE
900VA-5000VA**



ITALIAN TECHNOLOGY

Features:

- Big Display for Data
- Safety & Protections
- Multi Battery Selection
- Sleek & Aesthetic Design
- 6 Stage Battery Charging
- Incorporated with Microchips & ST DSP Engines



**Ai Charge
Sharing**



**LCD Display
For Data**



**Guaranteed
Safety**



**Pure Sine
Wave**



**Advanced
DSP Technology**



**Intelligent
Modes**

HOODI SERIES - SINEWAVE

Model	HOODI	900/1150	1500/2000	2000/2500	2500	3500	5000	
Operating DC Voltage	Volts	12	12	24	24	48	48	
Battery								
Low Cut Off	Volts	10.5/Batt +/-2%						
Low Cut Off Recovery by (SPV Charging)	Volts	11.5/Batt +/-2%						
Low Buzzer	Volts	10.7/Batt +/-2%						
High Cut Off	Volts	15.5/Batt +/-2%						
High Cut Off Recovery	Volts	15.0/Batt +/-2%						
Battery Selection by Dip Switch	Volts	TUB	14.4V+/-2%	SMF				Setable Through LCD
Boost Charging Volt by SPV	Volts	TUB	14.8V+/-2%	SMF				
Boost Charging Volt by Grid	Volts	TUB	14.4V+/-2%	SMF				
Float Charging Volt by Grid	Volts	TUB	13.4V+/-2%	SMF				
Grid Charging Current selection by Dip Switch / Configuration Setting	Normal	10A +/-2%	High	12A +/-2%	0A			
Output								
Output @ No Load	V	230+/-2%						
Output Frequency	Hz	50+/-2%						
Overload	Watts	680W	800W	1.2KW	2KW	3KW	4KW	
	AC Amps	3.1	3.6	5.5	8.6	13	17.3	
	Battery Discharging Amps	55	67	55	83	83	83	
Typical Efficiency	Inverter	≥82%	≥82%	≥85%				
Display								
Display	Alphanumeric	16x4 LCD					20x4 LCD	
Parameters	Output(Inverter)	Voltage, Current(Load%) & Frequency						
	Input(Grid)	Voltage & Frequency						
	Solar	Voltage, Current						
	Battery	Voltage, Current						
	Status/Faults	Inverter Status, Mains Status, Charger Status, Battery Status/Charging Stages, Over Heat, CHG. EN/DIS, CHG HI/LO, SMF/Tubular						
Grid								
No of Phase	-	1 Phase-3 Wire, P, N, E						
Voltage Range(Inverter)	V	100-280 +/-2%						
Voltage Range(UPS)	V	175-255 +/-2%						
Frequency Range	Hz	45-55+/-2%						
Battery Charging Stages		5(Softstart, Boost, Absorption, Float, Equalize)						
Inverter								
Switching Element	-	MOSFET						
Output Voltage	V	230+/-2%						
Phase	-	1 Phase-3 Wire, P, N, E						
Output Waveform	-	Pure Sine Wave						
Frequency	Hz	50Hz						
Changeover (Mains to Inverter)	ms	<10ms						
Output Power Factor	Pf	0.8						
Overload Retry	-	3 Times						
Switches	-	On/Off, Mode: Hybrid/Smart/PCU, INV/UPS, TUB/SMF, CHG.LO/HI, CHG. EN/DIS, Scroll Off					Conf. Setting	
Indication	-	Inverter On, Mains in Range, Battery Low/High, Charger On, Overload, Faults						
Alarm	-	Battery Low, Overload, Charger On, Inverter On, Solar Charger On						
Protection	-	Overload, Short Circuit Protection, Over Voltage, Transient Protection (MOV Varistors), Reverse Polarity of Battery, Over Temperature Protection, Under Voltage & Over Voltage Protection						
Cooling	-	Forced Air Cooling (Temperature Controlled)						
Operating Temperature	c	0-50						
Operating Humidity	%	95						
Protection Class	-	Ip20						
Noise @ 1Meter Distance	-	50dB						
Weight	Kg	11.2	15.73	15.96	20.55	35	46.5	
Dimension LxWxH (mm)	LWH	350x342x215		432x381x215	464x406x297		600x400x610	

Note: Technical Specs are subject to change with prior notice, because of continous development and improvement in design and Technology.