



INVERTER 1200VA

Modified Sine Wave Inverter with Charger

Compact, Sleek
& Light Weight

Dc to Ac Conversion,
Minimizing Charging
Losses

Input Voltage
Range Selection

Full Auto Restart
Function

Critical Overload
Protection

Non-polluting
(Green Device)

Advanced Technology
Optimizes Battery Life

Off-Mode
Charging Design



Specification

Model	1.2K	2.4K
CAPACITY	1200VA / 720W	2400VA / 1440W
INPUT		
Voltage	230VAC	
Voltage Range	170-280 VAC (UPS Mode) 90-280 VAC (INV Mode)	
OUTPUT		
Voltage Regulation (Battery Mode)	230VAC +/-10%	
Transfer Time	20 ms typical	
Waveform	Modified Sine Wave	
BATTERY & CHARGER		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.75VDC ±0.25	27.00VDC ±0.5
Charge Current	10 / 20A	10 / 20A
PHYSICAL		
Dimension	330 x 227.8 x 92.5	
Net Weight (Kgs)	2.6	2.8
Gross Weight (Kgs)	3.1	3.3

Available Models
1200VA & 2400VA

For more info,
visit www.mercury-pc.com

* Technical Specifications subject to change without notification





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Inverter Back-up time table

MODEL / CAPACITY (VA/W)	External Battery			Back Time (minutes)		Estimation Recharging Time (Hour) Up to 90% after battery discharging completely	
	Type of Battery	Set	Q'ty for each set	Total Q'ty	50% Load		100% Load
1200va (720W)	12V / 50AH	1	1	1	50	20	5
		2	1	2	125	50	10
		3	1	3	215	90	15
		4	1	4	300	125	20
	12V / 100AH	1	1	1	115	40	7
		2	1	2	265	115	13
		3	1	3	415	180	18
		4	1	4	600	265	24
	12V / 200AH	1	1	1	255	125	14
		2	1	2	580	255	26
		3	1	3	900	415	36
		4	1	4	1200	580	48
2400va (1440W)	12V / 50AH	1	2	2	50	20	5
		2	2	4	125	50	10
		3	2	6	215	90	15
		4	2	8	300	125	20
	12V / 100AH	1	2	2	115	40	7
		2	2	4	265	115	13
		3	2	6	415	180	18
		4	2	8	600	265	24
	12V / 200AH	1	2	2	255	125	14
		2	2	4	580	255	26
		3	2	6	900	415	36
		4	2	8	1200	580	48

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