

PRODUCT SPECIFICATIONS

INVERTER OUTPUT	MODEL	Power Pak 4024	
	CONTINUOUS OUTPUT POWER	4000W	
	SURGE RATING (205)	12000W	
	CAPABLE OF STARTING ELECTRIC MOTOR	12000W	
		4HP	
	OUTPUT WAVEFORM	Pure Sine Wave / Same As Input (Bypass Mode)	
	POWER FACTOR	0.9 - 1.0	
	NOMINAL OUTPUT VOLTAGE RMS	100-110.120VAC / 220-230-240VAC	
	OUTPUT VOLTAGE REGULATION	±10% RMS	
	OUTPUT FREQUENCY	50Hz ± 0.3Hz t / 60Hz t 0.3Hz	
	SHORT CIRCUIT PROTECTION	Yes, Current Limit Function (Fault After 1 second)	
	TYPICAL TRANSFER TIME	10 ms (Max)	
DC INPUT	NOMINAL INPUT VOLTAGE	24VDC	
	MINIMUM START VOLTAGE	20 V	
	LOW BATTERY ALARM	22 V / 23VDC	
	LOW BATTERY TRIP	21VDC	
	HIGH VOLTAGE ALARM & FAULT	32VDC	
	IDLE CONSUMPTION-SEARCH MODE	50W When Power Saver On	
CHARGER	INPUT VOLTAGE RANGE	Wide: 90-135VAC / 164-243VAC	
	OUTPUT VOLTAGE	Narrow: 100-135VAC / 194-243VAC	
	CHARGER BREAKER RATING	Depends On Battery Type	
	MAX CHARGE RATE	40A	
	OVER CHARGE PROTECTION SHUTDOWN	45A Max (Charger Current Control)	
	CHARGER CURVE (4 STAGE CONSTANT CURRENT) 4 STEP DIGITAL CONTROLLED PROGRESSIVE CHARGE	2 - 12V or 4 - 6V	
	BATTERY TYPE	ABSORB	FLOAT VDC
	GEL U.S.A.	28	27.4
	A.G.M 1	28.2	26.8
	A.G.M 2	29.2	27.4
	SEALED LEAD ACID	28.8	27.2
	GEL EURO	28.8	27.6
	OPEN LEAD ACID	29.6	26.6
	CALCIUM	30.2	27.2
DE-SULPHATION	31V For 4hrs		
REMOTE CONTROL	Yes, Optional		
BYPASS & PROTECTION	INPUT VOLTAGE WAVEFORM	Sine Wave (Grid or Generator)	
	NOMINAL VOLTAGE	230VAC	
	LOW VOLTAGE TRIP	184V / 154 t 4%	
	LOW VOLTAGE RE-ENGAGE	194V / 164 t 4%	
	HIGH VOLTAGE TRIP	253V t 4%	
	HIGH VOLTAGE RE-ENGAGE	243V t 4%	
	MAX INPUT AC VOLTAGE	270VAC	
	NOMINAL INPUT FREQUENCY	50Hz or 60Hz (Auto Detect)	
	OUTPUT SHORT CIRCUIT PROTECTION	Circuit Breaker	
	BYPASS BREAKER RATING	30A	
	TRANSFER SWITCH RATING	270VAC	
	MAX BYPASS CURRENT	30 Amp	
MECHANICAL SPECIFICATION	MOUNTING	Wall Mount	
	INVERTER DIMENSIONS (L x W x H)	550mm x 440mm x 185mm	
	INVERTER WEIGHT	35KG	
	SHIPPING DIMENSIONS (L x W x H)	650mm x 550mm x 290 mm	
	SHIPPING WEIGHT	47KG	
	DISPLAY	Status LEDs	
	STANDARD WARRANTY	1 Year	