

NOVA SERIES PURE SINE WAVE INVERTER

Built-in Transfer Switch



SPECIFICATION

MODEL		NOVA 1K12	NOVA 2K12	NOVA 3K12
	Rated Power	1200W	2000W	3000W
AC INPUT	Nominal Voltage	120VAC		
	Operation Range	80-140VAC full power		
	AC Input Frequency	50/60Hz selectable		
	Frequency Range	45 ~ 70Hz		
AC OUTPUT	Nominal Voltage	120VAC		
	Voltage Regulation (Batt. Mode)	120VAC ± 5%		
	Output Frequency	50Hz or 60Hz selectable ± 1%		
	THD (Batt. Mode)	<5%		
	Peak Efficiency	91%		
	Waveform	Pure sine wave		
	Transfer Time	<20ms		
	Transfer Relay Rating (A)	30A	30A	30A
BATTERY	Nominal DC Voltage	12VDC		
	DC Input Power Operating Voltage Range	10-17VDC		
INDICATORS	Line Mode	Green LED on		
	Battery Mode	Amber LED on		
	Warning With Output	Red LED flashing		
	Fault Without Output	Red LED on		
MANAGEMENT	Communication	RS232 / RS485		
PHYSICAL	Dimension, D X W X H	13.4*10.3*3.8in	14.8*12.0*4.1in	15.6*12.0*4.1in
	Net Weight	11.5lb	15.9lb	17.6lb
OPERATING ENVIRONMENT	Humidity	5% to 95% Relative Humidity (Non-condensing)		
	Operating Temperature	-40°F ~ 160°F (-4°F ~ 122°F with full power)		
COMPLIANCE	EMC Compliance	UL458, complies with FCC Part 15		