

Live Better Electrically!

PURE SINE WAVE AMERICAN TECHNOLOGY

- Dual processor based
- Reliable & long life
- Capable of long backup
- Built in AVR
- Stabilized output ensure smooth running of load
- Intelligent chargers give long battery life
- Specially for inductive loads
- LCD display
- Over heat, over load protection
- Pure Sine Wave

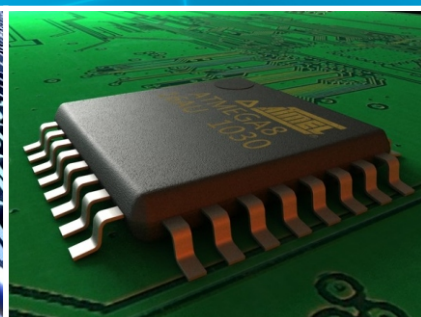
Legate



ELECTIVE Technology
We invent!

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Dual controller based True Sine wave UPS



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PURE SINE WAVE UPS

INVERTER SPECIFICATIONS

Type	SPWM (sinusoidal pulse width modulator)
Controller Type	Microcontroller 8 bit nano watt technology/DSP 32 bit architecture and advanced control peripherals.
Conversion mode	Single Conversion H- Bridge low frequency Transformer based.

ELECTRICAL SPECIFICATIONS

Power Rating/Surge	1.5/3KW	2.5/5KW	3.5/7KW	5/10KW	7/14KW
Input/Output Supply	Single Phase				
Topology	Line interactive				
Change over time	2-3 msc				
AC Input Range	160-270 VAC				
Input Frequency	50Hz/60Hz				
Charger Type	Quad mode Constant current				
Charging Current	15 A/H	30 A/H	60 A/H	60 A/H	
Output Voltage	220 Vac(adjustable) On Batteries				
Output Frequency	50Hz or 60 Hz				
Output Waveform	Pure Sine Wave				
Power Factor	0.8				
Output Stabilization	+/- 2 %				
DC Input	48VDC				
Surge Protection	By EMI/RFI Filters and MOV/ZNR				
Efficiency	90%				

FAIL SAFE MODE/SAFETIES

DC Reverse Polarity	By DC Fuse
Low Battery	Auto Shut @ 40 Vdc, Auto Restart @50 VDC
Over Load	150 % for 1 second (Dual electronic protection sense from DC bus and AC output by CT)
Output Short Circuit	By AC Fuse /electronic shut down by over load circuit.
Over Temperature	Shut down @ 70 degree C

AUDIBLE/VISUAL INDICATORS

Audible Alarms	Inverter mode: Beep with intervals, Low battery :one minute pre shutdown with small intervals then long beep for 10 second @ shut down, Over load with long beep, Over temp with long beep.
LED INDICATORS	Continuous RED Led for Inverter mode & Flash with small interval for Faults.
LCD Display	Inverter On, Low battery, Over Load, Battery Voltmeter, Out put AC Voltmeter.
LCD Display-2 (optional)	Temperature in degree C, Out put Current in A/h, Output frequency.

