Jade Series

Models

- Jade 1500

- Jade 2000
- Jade 3000

Features:

- Pure Sinewave output
- Built-in RS-232 & HID compliant USB communication port
- Programmable power management outlets
- Smart microprocessor control guarantees high reliability
- Automatic buck and boost AVR for voltage stabilization / regulation
- Full-bridge inverter architecture can support half wave rectified equipment
- Built in EMI/RFI noise filter circuit
- Emergency Power Off Function (EPO)
- 3-stage smart battery charging control
- Very high efficiency in battery mode
- Multiple communications available
- ECO (Efficiency Corrective Optimizer) operation for energy saving

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Jade Technical Specifications				
Model		**Jade 1500**	**Jade 2000**	**Jade 3000**
Capacity	VA/W	1500VA/1050W	2000VA/1400W	3000VA/2100W
Input	Nominal Voltage	208/220/230/240VAC		
	Acceptable Voltage Range	162~290VAC		
	Frequency Range	50Hz		
Output	Output Voltage	208/220/230/240VAC		
	Voltage Regulation (Batt. Mode)	±1.5% (before battery alarm)		
	Frequency Range (Batt. Mode)	50Hz or 60Hz ± 1Hz		
	Current Crest Ratio	3:1		
	Harmonic Distortion	2% max @ 100% linear load, 5% max @ 100% non-linear load (before low battery alarm)		
	Transfer Time	Typical 2-6 ms, 10ms max.		
	Waveform (Batt. Mode)	Pure Sine Wave		
Efficiency	ECO Mode	>97%		
	Buck & Boost Mode	>95%		
	Battery Mode	≧ 88%, up to 90% @ nominal battery voltage		≧ 91%, up to 92% @ nominal battery voltage
Battery	Battery Type & Number	12V/9Ah x 2	12V/7Ah x 4	12V/9Ah x 4
	Charging Current (max.)	1.5A		
	Charging Voltage	27.4VDC ± 1%	54.8VDC ± 1%	
	Typical Recharge Time	4 hours recover to 90% capacity		
Indicators	LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery		
Protection	Full Protection	Overload, discharge, and overcharge protection		
Alarm	Battery Mode	Beeps every 10 seconds		
	Low Battery	Beeps every 2 seconds		
	Overload	Beeps every second		
	Fault	Beeps continuously		
Physical	Dimension D X W X H (mm)	410 x 145 x 236	470 x 145 x 236	
	Net Weight (kg)	12.35	18.1	20.3
Environment	Operating Humidity	0-90% RH @ 0- 40°C (non-condensing)		
	Noise Level	Less than 45dB		Less than 50dB
Management	Smart RS-232 / HID USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux, and MAC		
	Optional SNMP/AS400 Card	Power management from SNMP manager and web browser		
* Product specifications are subject to change without further notice.				

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