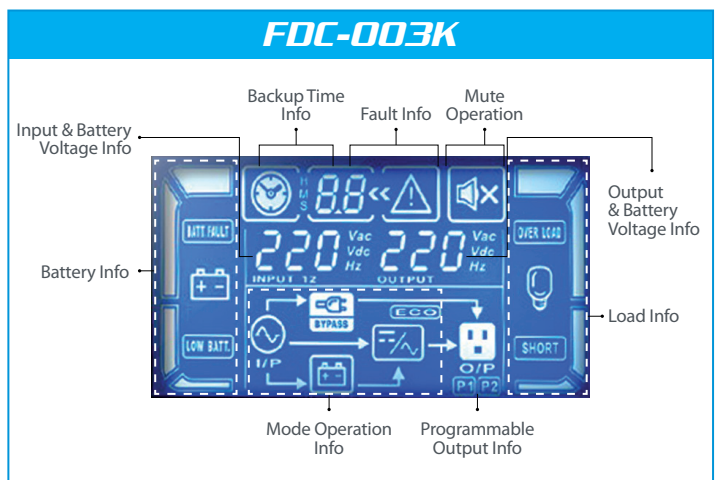


The new Atlas online series provides true double-conversion technology and the highest level of protection suitable for critical equipment. The Atlas models combine an optimized level of performance with rich functionality, resulting in a highly efficient system that is easy to maintain and operate. Designed to prevent unexpected service interruptions due to overloads, internal fault conditions or during blackouts, the UPS ensures reliable and continuous operation through its internal battery bank and an optional external battery module. The Atlas offers dual voltage outputs of 120V and 230V.



FEATURES

- Online UPS with double-conversion topology
- Simplified monitoring with a state-of-the art LCD display
- Programmable power output outlets
- Configurable for parallel operation
- Scalable runtime capability through an optional external battery module
- Environmentally friendly ECO mode of operation
- Emergency power off function EPO
- Active input power factor correction of 0.99
- Controlled by a technologically-advanced microprocessor
- Includes **ForzaTracker**, a power monitoring and management software
- Generator compatible
- Pure sine wave output



FEATURES
FDC-003K

CAPACITY		3000 VA / 2400 W		
INPUT	VOLTAGE RANGE	Low line transfer	160VAC / 140VAC / 120VAC / 110VAC \pm 5 % or 80VAC / 70VAC / 60VAC / 50VAC \pm 5 % (based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)	
		Low line comeback	High line transfer voltage - 10V	
		High line transfer	300 VAC \pm 5 % or 150 VAC \pm 5 %	
		High line comeback	290 VAC \pm 5 % or 145 VAC \pm 5 %	
	Frequency range	40Hz ~ 70 Hz		
	Phase	Single phase with ground		
	Power factor	\geq 0.99 @ 220-230 VAC (input voltage)		
OUTPUT	Output voltage	Output voltage	200/208/220/230/240VAC or 100/110/115/120/127 VAC	
		AC voltage regulation	\pm 3% (batt. mode)	
		Frequency range (synchronized range)	47 ~ 53 Hz or 57 ~ 63 Hz	
	Frequency range (batt. mode)	Frequency range (batt. mode)	50 Hz \pm 0.25 Hz or 60Hz \pm 0.3 Hz	
		Overload	100%~110%: audible warning 110%-130%: UPS shuts down in 30 seconds in battery mode or transfers to bypass mode when utility power is normal. >130%: UPS shuts down immediately in battery mode or transfer to bypass mode when utility power is normal	
	Current crest ratio	Current crest ratio	3:1	
		Harmonic distortion	\leq 3 % THD (linear load) \leq 6 % THD (non-linear load)	\leq 4 % THD (linear load) \leq 7 % THD (non-linear load)
	TRANSFER TIME	AC mode to batt. mode	Zero	
		AC mode to batt. mode	4 ms (typical)	
		Waveform (batt. mode)	Pure sine wave	
EFFICIENCY	AC mode	~ 85%	~ 88%	
	Battery mode	~ 83%		
BATTERY	Battery type	12 V / 9 Ah		
	Quantity	6		
	Recharge time	4 hours to 90% capacity (typical)		
	Charging current	1.0 A (max.)		
	Charging voltage	82.1 VDC \pm 1%		
PHYSICAL	TOWER CASE	Dimensions (mm)	421 X 190 X 318	
		Net weight (kg)	28	
ENVIRONMENT	Humidity	20-90 % RH @ 0- 40°C (non-condensing)		
	Noise level	Less than 45dBA @ 1 meter		
MANAGEMENT	Smart RS-232 or USB	Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC		
	Optional SNMP	Power management from SNMP manager and web browser		