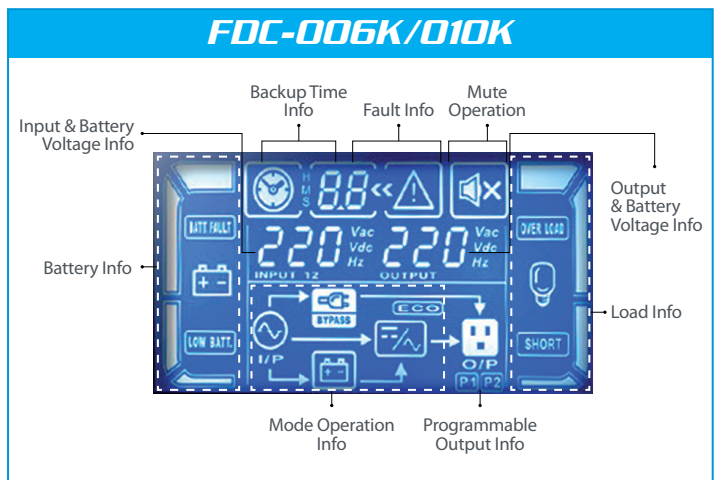


The new Atlas online series provides true double-conversion technology and the highest level of protection suitable for critical equipment. The Atlas models combine an optimized level of performance with rich functionality, resulting in a highly efficient system that is easy to maintain and operate. 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 is available in 6000VA and 10,000VA ratings, with 120V and 230V outputs.



FEATURES

- Online UPS with double-conversion topology
- Capable of extending backup time through an optional battery module
- Built-in isolation transformer
- Simplified monitoring with a state-of-the art LCD display
- Programmable power output outlets
- Configurable for parallel operation
- Optional parallel redundancy capability
- Environmentally friendly ECO mode of operation
- Emergency power off function EPO
- Active input power factor correction of 0.99
- Output power factor of 0.8
- Controlled by a technologically-advanced microprocessor
- Includes **ForzaTracker**, a power monitoring and management software
- Generator compatible
- Pure sine wave output



		FEATURES	FDC-006K	FDC-010K
CAPACITY			6000 VA / 4800 W	10000 VA / 8000 W
INPUT	VOLTAGE RANGE	Low line transfer	110 VAC \pm 3 % at 50% Load / 176 VAC \pm 3 % at 100% Load	
		Low line comeback	Low line transfer voltage + 10V	
		High line transfer	300 VAC \pm 3 %	
		High line comeback	High line transfer voltage - 10V	
		Frequency range	46Hz ~ 54 Hz @ 50Hz system / 56Hz ~ 64 Hz @ 60Hz system	
		Phase	Single phase with ground	
Active input power factor correction		0.99 at 100% load		
OUTPUT		Output voltage	104/110/115/120VAC or 208/220/230/240VAC	
		AC voltage regulation	\pm 3%	
		Frequency range (synchronized range)	46Hz ~ 54 Hz @ 50Hz system / 56Hz ~ 64 Hz @ 60Hz system	
		Frequency range (batt. mode)	50 Hz \pm 0.1 Hz or 60Hz \pm 0.1 Hz	
		Output power factor	0.8	
	OVERLOAD	AC mode	100%~105%: 10min / 105%~115%: 1min >115%: 1sec	
		Battery mode	100%~105%: 30sec / 105%~115%: 10sec >115%: 1sec	
			Current crest ratio	3:1 max
Harmonic distortion			3 % @ 100% linear load; 10 % @ 100% non-linear load	
TRANSFER TIME		Line \leftarrow \rightarrow Battery	0 ms	
		Inverter \leftarrow \rightarrow Bypass	0 ms	
		Inverter \leftarrow \rightarrow ECO	<10 ms	
EFFICIENCY		AC mode	> 84%	
	Battery mode	> 83%		
BATTERY	Type & quantity	12 V / 7 Ah x 20	12 V / 9 Ah x 20	
	Recharge time	7 hours to 90% capacity	9 hours to 90% capacity	
	Charging current	1.0 A \pm 10% (max.)		
	Charging voltage	14.4 V \pm 1%		
PHYSICAL	Dimensions (mm)	592 x 250 x 826	592 x 250 x 826	
	Net weight (kg)	124	142	
ENVIRONMENT	Operation temperature	0 ~ 40°C (the battery life will down when > 25°C)		
	Operation humidity	<95 % and non-condensing		
	Operation altitude**	<1000m		
	Audible noise	Less than 58dB @ 1 meter	Less than 60dB @ 1 meter	
MANAGEMENT	Smart RS-232 or USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux and MAC		
	Optional SNMP	Power management from SNMP manager and web browser		
DOCUMENTATION	WARRANTY	Backed by a comprehensive 2- year warranty that covers batteries		
	CERTIFICATIONS	NOM, CE, ISO 9001 and 14001		