

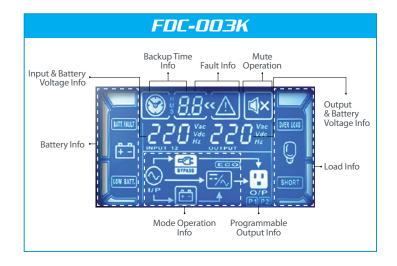
www.forzaups.com

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





CAPACITY			FEATURES FDC-003K		003K
Low line transfer	CAPACITY			3000 VA / 2400 W	
NPUT High line transfer 300 VAC ± 5 % or 150 VAC ± 5 %			Low line transfer	80VAC / 70VAC / 60VAC / 50VAC ± 5 %	
High line comeback 290 VAC ± 5 % or 145			Low line comeback	High line transfer voltage - 10V	
Practice Phase Single phase with ground	INPUT		High line transfer	300 VAC \pm 5 % or 150 VAC \pm 5 %	
Phase Single phase with ground			High line comeback	290 VAC ± 5 % or 145 VAC ± 5 %	
Power factor \$0.99 @ 220-230 VAC (input voltage)			Frequency range	40Hz ~ 70 Hz	
Output voltage			Phase	Single phase with ground	
AC voltage regulation			Power factor	≥ 0.99 @ 220-230 VAC (input voltage)	
Frequency range (synchronized range)	ОИТРИТ		Output voltage	200/208/220/230/240VAC or 100/110/115/120/127 VAC	
Prequency range (batt.mode) 50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			AC voltage regulation	± 3% (batt. mode)	
OUTPUT Overload Overload			Frequency range (synchronized range)	47 ~ 53 Hz or 57 ~ 63 Hz	
OUTPUT Overload Overload			Frequency range (batt. mode)	50 Hz \pm 0.25 Hz or 60Hz \pm 0.3 Hz	
Harmonic distortion			Overload	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	
TRANSFER TIME TRANSFER TIME AC mode to batt. mode AC mode			Current crest ratio		
TRANSFERTIME			Harmonic distortion		
AC mode to batt.mode		TRANSFER TIME	AC mode to batt. mode		
AC mode			AC mode to batt. mode	4 ms (typical)	
Battery mode ~83% 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 ±1% PHYSICAL TOWER CASE Dimensions (mm) 421 X 190 X 318 Net weight (kg) 28 Humidity 20-90 % RH @ 0-40°C (non-condensing) Noise level Less than 45dBA @ 1 meter Smart RS-232 or USB Supports Windows* 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Power management from SNMP manager			Waveform (batt. mode)	Pure sine wave	
Battery mode	EFFICIENCY		AC mode	~ 85%	~ 88%
PHYSICAL TOWER CASE Recharge time Charging current Charging voltage Dimensions (mm) Net weight (kg) Humidity Noise level Smart RS-232 or USB Power management from SNMP manager Quantity 6 4 hours to 90% capacity (typical) 1.0 A (max.) 1.0 A (max.) 421 X 190 X 318 28 Humidity 20-90 % RH @ 0- 40°C (non-condensing) Less than 45dBA @ 1 meter Supports Windows* 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Power management from SNMP manager			Battery mode	~83%	
Recharge time 4 hours to 90% capacity (typical) Charging current 1.0 A (max.) Charging voltage 82.1 VDC ±1% Dimensions (mm) 421 X 190 X 318 Net weight (kg) 28 Humidity 20-90 % RH @ 0-40°C (non-condensing) Noise level Less than 45dBA @ 1 meter Smart RS-232 or USB Supports Windows* 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Optional SNMP Power management from SNMP manager	BATTERY		Battery type	6	
Charging current			Quantity		
Charging voltage 82.1 VDC ±1%			Recharge time		
PHYSICAL TOWER CASE Dimensions (mm) Net weight (kg) Humidity 20-90 % RH @ 0- 40°C (non-condensing) Noise level Less than 45dBA @ 1 meter Smart RS-232 or USB Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Optional SNMP Power management from SNMP manager			Charging current	1.0 A (max.)	
PHYSICAL TOWER CASE Net weight (kg) Humidity 20-90 % RH @ 0- 40°C (non-condensing) Noise level Less than 45dBA @ 1 meter Smart RS-232 or USB Supports Windows* 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Optional SNMP Power management from SNMP manager			Charging voltage	82.1 VDC ±1%	
Net weight (kg) ENVIRONMENT Humidity Noise level Smart RS-232 or USB MANAGEMENT Net weight (kg) 28 Humidity 20-90 % RH @ 0- 40°C (non-condensing) Less than 45dBA @ 1 meter Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Power management from SNMP manager	PHYSICAL	TOWER CASE	Dimensions (mm)	421 X 190 X 318	
Noise level Smart RS-232 or USB MANAGEMENT Noise level Smart RS-232 or USB Smart RS-232 or USB Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Power management from SNMP manager			Net weight (kg)	28	
Noise level Smart RS-232 or USB MANAGEMENT Noise level Smart RS-232 or USB Smart RS-232 or USB Smart RS-232 or USB Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC Power management from SNMP manager	ENVIRONMENT		Humidity	20-90 % RH @ 0- 40°C (non-condensing)	
MANAGEMENT MANAGEMENT Continual SNMP Power management from SNMP manager			Noise level		
Optional SNMP Power management from SNMP manager	MANAGEMENT		Smart RS-232 or USB	Linux, Unix and MAC	
	MANAGEMENT		Optional SNMP		