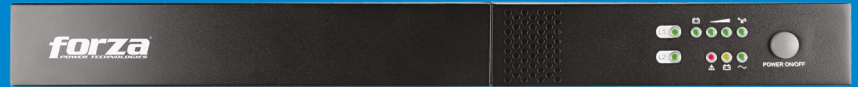


FDC-1001RUL

Atlas - Rackmountable online UPS system



The new Atlas online series provides true double-conversion technology and the highest level of protection suitable for critical equipment. This series combines 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 of mission critical equipment in your installation

Highlights

- Rack mountable
- 1U compact size
- True double-conversion online UPS
- Output power factor of 0.8
- LED status indicators
- SNMP slot for network and sensor expansion
- 50/60Hz frequency converter mode
- ECO and advanced ECO mode for energy saving
- Emergency Power Off Function (EPO)
- Includes ForzaTracker, a power monitoring and management software



Ideal for

1000VA

PROTECTION LEVEL 6

- + Breaker
- + Surge Protector
- + Voltage Protector
- + Voltage Regulator
- + Power Back up
- + Double conversion

MPN	FDC-1001RUL
General	
Capacity	1000VA/800W
Topology	Double conversion
Rack unit	1U
Input	
Nominal voltage	120VAC
Voltage range (low line transfer)	80VAC / 70VAC / 60VAC / 55VAC \pm 3% (based on load percentage 100%-80% / 80%-70% / 70%-60% / 60%-0%)
Voltage range (low line comeback)	Low-line transfer voltage + 10V
Voltage range (high line transfer)	150VAC \pm 3%
Voltage range (high line comeback)	High-line transfer voltage - 10V
Frequency	40Hz-70Hz
Power factor	\leq 0.99 at 100% load
Total harmonic distortion (THDi)	\leq 10% at 100% load THDU <1.6% rated voltage
AC plug style	IEC C14
Included cables	USB cable · 13A IEC C13 to 13A, 5-15P cable
Output	
Nominal voltage	120VAC
AC voltage regulation (battery mode)	\pm 1%
Frequency (synchronized range)	47-53Hz at 50Hz system / 57-63Hz at 60Hz system
Frequency (battery mode)	50Hz \pm 0.1Hz or 60Hz \pm 0.1Hz
Power factor	0.8
Efficiency (ECO mode)	\geq 92%
Efficiency (AC mode)	\geq 86%
Efficiency (battery mode)	\geq 83%
Overload (shutdown)	100%-105%: Warning / 105%-130%: 2min / 130%-140%: 30sec / >140%: 1sec
Transfer time (line to battery)	0ms
Transfer time (inverter to bypass)	4ms
Crest ratio	5:1 (max)
Harmonic distortion	\leq 3% THD (linear load) / \leq 5% THD (non-linear load)
Waveform	Pure sine wave
Total outlets	3 (5-15R)
Battery	
Type and quantity	6V / 9Ah (4)
Recharge time	6 hours to 90% capacity
Charging current	1A \pm 10% (default) / 6A \pm 10% (max)
Charging voltage	27.4VDC \pm 1%
Communications	
Status LED	AC mode, battery mode and fault indicators
Audible	Battery mode: Sounds every 4 seconds Low battery: Sounds every second Overload: Sounds twice every second Fault: Continuous sound
Communication ports	SNMP, RS-232, USB
Power management software	ForzaTracker
Environment	
Operating temperature	32°F-104°F
Storage temperature	-4°F-122°F
Relative humidity	20-90% non-condensing
Operating altitude	Every 100m above 1000m decreases output power 1% up to 4000m
Audible noise	<50dB at 1 meter

MPN	FDC-1001RUL
Physical appearance	
Dimensions	18.8x17.2x1.7in
Weight	27.8lb
Cord length	4.0ft
Additional information	
Warranty	Two years

