

## FDC-1511RUL

Atlas online series is designed to provide the highest level of protection for critical mission equipment against the widest spectrum of power problems and failures.

The new Atlas online series provides true double-conversion technology and the highest level of protection suitable for critical equipment. This series 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 pack and an optional external battery module. Ideal for high density power protection demands, the Atlas features a versatile rack/tower form factor to fit diverse environments.

### Highlights

- Rack mountable / Tower conversion
- True double-conversion online UPS
- Output power factor of 1
- User-friendly and easy-shift LCD display
- Programmable power management outlets
- 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



# 1500VA

## PROTECTION LEVEL 6

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



MPN	FDC-1511RUL
<b>General</b>	
Capacity	1500VA/1450W (at 127V input) 1500VA/1430W (at 125V input) 1500VA/1300W (at 120V input) 1500VA/1270W (at 115V input) 1500VA/1200W (at 110V input)
Topology	Double conversion
<b>Input</b>	
Nominal voltage	100-127VAC
Voltage range (low line transfer)	87VAC / 77VAC / 67VAC / 62VAC $\pm$ 3% (based on load percentage 100%-80% / 80%-70% / 70%-60% / 60%-0%)
Voltage range (low line comeback)	Low-line transfer voltage + 5V
Voltage range (high line transfer)	150VAC $\pm$ 3%
Voltage range (high line comeback)	High line transfer voltage - 5V
Frequency	40Hz-70Hz
Power factor correction	$\leq$ 0.99 at 100% load
Total harmonic distortion (THD)	$\leq$ 5% at 100% load THDU <1.6%
AC plug style	5-15P
<b>Output</b>	
Nominal voltage	100/110/115/120/127VAC
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	1
Efficiency (AC mode)	$\geq$ 89%
Efficiency (battery mode)	$\geq$ 88%
Overload (shutdown)	100%-110%: Warning / 110%-130%: 5min / 130%-140%: 30sec / >140%: 1sec
Transfer time (line to battery)	0ms
Transfer time (inverter to bypass)	4ms
Crest ratio	3:1 (max)
Harmonic distortion	$\leq$ 2% THD (linear load) / $\leq$ 4% THD (non-linear load)
Waveform	Pure sine wave
Total outlets	8 (5-15R)
<b>Battery</b>	
Battery type and quantity	12V / 9Ah (3)
Recharge time	3 hours to 95% capacity
Charging current	2A $\pm$ 10% (default) / 8A $\pm$ 10% (max)
Charging voltage	41VDC $\pm$ 1%
<b>Communications</b>	
LCD display	Graphical LCD with blue backlight
Audible	Battery mode: Sounds every 5 seconds Low battery: Sounds every 2 seconds Overload: Sounds once every second Fault: Continuous sound
Communication ports	SNMP, RS-232, USB
Power management software	ForzaTracker
<b>Environment</b>	
Operating temperature	32°F-104°F
Storage temperature	-4°F- 122°F
Relative humidity	20-90% non-condensing
Operating altitude	<1000m Every 100m above 1000m decreases output power 1% up to 4000m
Audible noise	<50dB at 1 meter

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<b>Physical appearance</b>	
Dimensions	17.3x3.5x16.1in
Weight	34.2lb
Cord length	6.0ft
<b>Additional information</b>	
Warranty	2 years



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