

UPS SERIES ATLUS TOWER 1 - 10 kVA

ONLINE DOUBLE CONVERSION



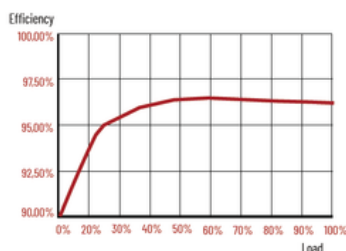
UPS TOWER ONLINE DOUBLE CONVERSION

Atlas Tower single-phase UPS (1-10kVA) are double conversion online UPS range and are tower UPSs with powers starting from 1kVA up to 10kVA. The UPS Atlas Tower series adopts the most innovative IGBT technologies, ensuring efficiency up to 96% and a unitary output power factor.

The UPS are available in models with internal batteries or combined with external battery cabinets for longer runtimes. The 6kVA and 10kVA UPSs include the manual bypass disconnector to allow correct maintenance without interrupting the output. The USB card is included and the product range is covered by a 3-year warranty. The UPS comply with the CEI 0-16 standard.

EXCELLENT PERFORMANCE

- Output power factor equal to 1 for a better load capacity at the same power with lower and more convenient initial investment costs
- Efficiency AC/AC up to 96%



- Small size and dustproof front design with LCD display
- Wide input tolerance, compatible with diesel generators

MAIN APPLICATIONS

ALBAT'S UPS Series Atlas Tower 1-10 kVA represents a perfect solution for a wide range application in the:

- Finance
- Telecommunication
- Energy
- Medical
- Government

- In compliance with the CEI-016 standard, the Charge reserve function allows the batteries to maintain an energy reserve to always guarantee the rearming of the coil and the restoration of full functionality of the cabin
- Advanced DSP digital control technology for precise and speed data processing
- Detection and warning of faults to ensure the safety of the device, also monitoring the internal temperature of the UPS
- Intelligent fans with high efficiency cooling, multiple modes to control their speed, extend their life and improve their efficiency



Automatic fan control

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STANDARD AND COMMUNICATIONS

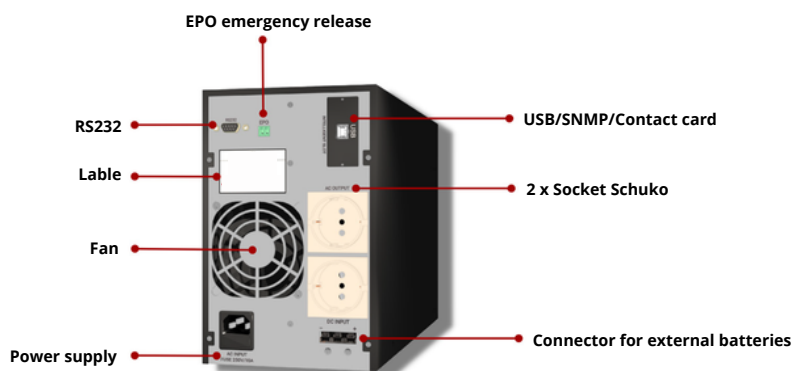
- Large HD screen with graphic interface and simplified display, for an improved and user-friendly user experience



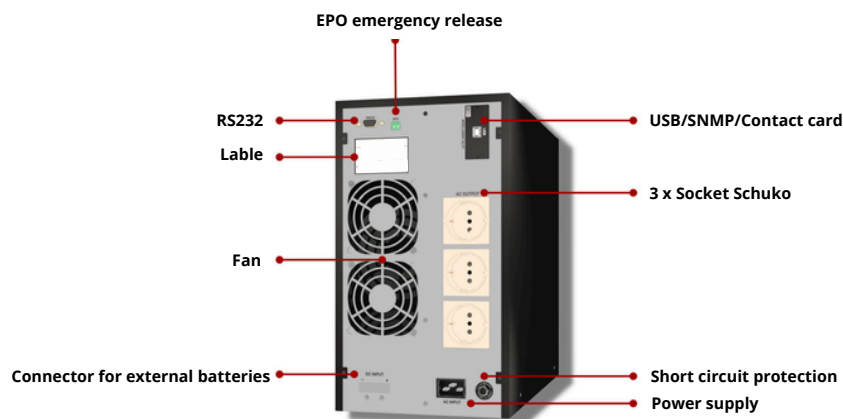
- Output 208/220/230/240 Vac, 50 / 60Hz voltage, configurable from on-site display
- ECO mode configurable from on-site display
- Maintenance bypass switch (6-10kVA)
- 16 / 17 / 18 / 19 / 20 battery configuration via RS232 port (6-10kVA)
- RS232 and USB communication ports, the UPS is equipped with a user manual, cable and CD for software
- SNMP network card for remote control and monitoring (optional)
- NC/NO dry contact card for alarms (optional)



ATLAS TOWER 1 KVA



ATLAS TOWER 2-3 KVA

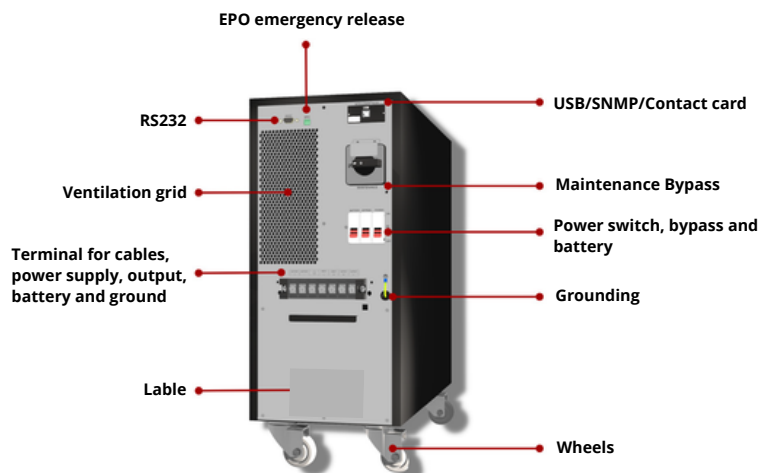


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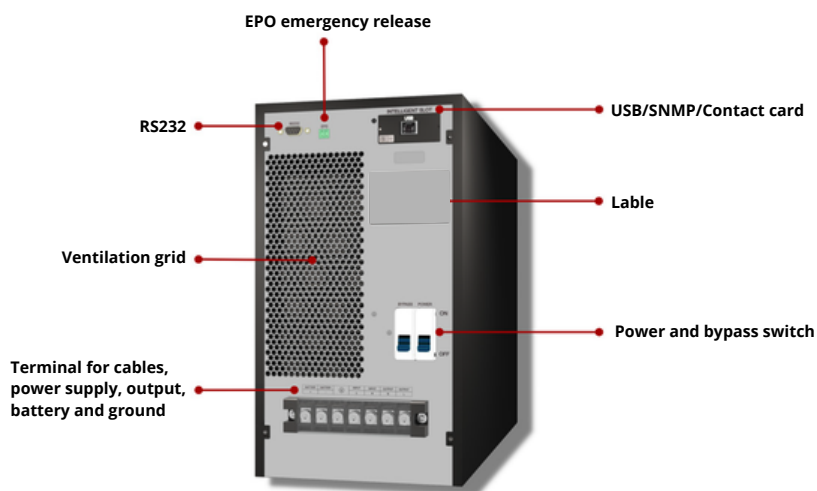




ATLAS TOWER 6-10 KVA



ATLAS L TOWER 6-10 KVA



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UPS ACCESSORIES



SNMP Card



External maintenance bypass



Dry Contact Card

TECHNICAL SPECIFICATIONS

Models	ATLUS TOWER 1000	ATLUS TOWER 2000	ATLUS TOWER 3000	ATLUS TOWER 6000	ATLUS TOWER 10000
INPUT					
Voltage Vac	120-295			80-275	
Frequency Hz	50/60 ±10% (50/60Hz auto -sensing)				
Power factor	≥0,99				
THDI	<3%				
OUTPUT					
Capacity VA	1000	2000	3000	6000	10000
Max. AC/AC Efficiency	92,00%	93,00%	94,00%	95,5%	
Power Factor	1				
Voltage Vac	208/220/230/240 ±1% (selectable on display panel)				
Frequency Hz	50/60±0,2% (battery mode)				
THD	THD <2% (linear load); THD <5% (nonlinear load)			THD <1% (linear load); THD <4% (nonlinear load)	
Transfer time ms	0				
BATTERY					
Battery Voltage Vdc	24 or 36/36	48 or 72/72	72 or 96/96	192/192 ~240	
Batt type	2x12V9Ah / External	4x12V9Ah / External	6x12V9Ah / External	16x12V9Ah / External (16 ~20 units settable)	
Charging current A	1-4	1-4	1-4	1~8 (adjustable)	
OTHERS					
Communication interface	RS232, EPO, USB (slot) (SNMP, RS485+dry contact are optional in slot)				
Display	LCD: AC input & output voltage, frequency, load level, battery level, temperature, AC mode, battery mode, bypass mode, fault				
Alarm	AC input abnormal, low battery, UPS failure, etc.				
Protection	short-circuit, overload, over temperature, battery low voltage, etc.				
Noise dB	<50	<55			
Working temperature °C	-5~+40				
Relative humidity	0~95%, no condensation				
Dimension WxDxH mm	145x360x225	190x400x330		230x502x553 / 190x422x337	
Weight kg	9,2 or 11,6/4,5	17,7 or 22,4/8,5	22,9 or 27,6/9,2	54,5/10,9	56,2/12,5

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