

**ATLAS 100**  
Series

**Atlas 100 Series Technical Specifications**

5 - 15 kVA 1 Phase Input - 1 Phase Output (LF) Online UPS



MODEL	ATLAS 105	ATLAS 107	ATLAS 110	ATLAS 115
Apparent Power (kVA)	5	7	10	15
Active Power (kW)	3.25	4.55	7	10.5
<b>INPUT</b>				
Voltage	220/230 Vac (1Ph+N+PE)			
Voltage Tolerance	± %15			
Frequency	50 Hz (60 Hz On Request)			
Frequency Range	5%			
Current	30A	44A	58A	87A
<b>OUTPUT</b>				
Voltage	220 Vac (1 Ph+N+PE)			
Voltage Regulation	±1%			
Frequency	50 Hz (60 Hz On Request)			
Frequency Tolerance	Synchronized to Network ±2% in Line mode; ± 0.2 Hz in Free Running			
Crest Ratio	3:1			
Efficiency (100% Load)	85 - 87%		86 - 90%	
THDv	<3% Linear Load, <5% Non Linear Load			
Overload	%100<load<%125 for 10 min., %125<load<%150 for 1 min, Load>150 :Bypass			
Short Circuit Protection	Electronic Protection			
<b>BATTERY</b>				
Type	Maintenance Free Lead Acid Battery			
Quantity	16	18	20	
Charge Voltage	216VDC	243VDC	270VDC	
End of Discharge Voltage	160VDC	180VDC	200VDC	
Battery Protection	Automatic Circuit Breaker			
Ambient Temperature	25 °C			
Battery Cabinet	Internal		External	
<b>COMMUNICATION</b>				
Interface	RS232 and Dry Contacts			
Software	UPS Management SW( 3 Client+1 Server)			
<b>ENVIRONMENTAL</b>				
Operating Temperature	0 to 40 °C			
Storage Temperature	-25 to +55 °C			
Relative Humidity	% 0-90 (Non-condensing)			
Altitude	<1000 m			
Protection Level	IP20			
Acoustic Noise	<45 dBA			
<b>PHYSICAL</b>				
Dimensions (WxDxH)	265x600x590	265x660x640	265x740x720	300x810x720
Weight (kg)	60	75	82	107
<b>OPTIONS</b>				
Input Transformer	Galvanic Isolation for the Input			
MBS	Maintenance Bypass Switch for Complete Isolation			
Interface	SNMP,MODBUS, Remote Mon. Panel, RS485			
Parallel Operation	N+1 Unit (Up to 2 Units)			
<b>STANDARDS</b>				
Harmonized Standards	EN 62040-1 (LVD), EN 62040-2 (EMC), EN 62040-3			

**ONLINE UPS**

ATLAS 100 Series Online UPSs protect monophase critical loads against utility failures and irregular voltage cases. They are producing pure sinewave output via microprocessor controlled, manufactured with the state of the art PWM and IGBT technology. Galvanic isolation transformer, parallel operability, communication port are available. IT applications, small offices, service providers, communication networks, control equipments, automation systems etc. are the main fields of use with a proved reliable high technology.

**GENERAL SPECIFICATIONS**

- Output transformer for galvanic isolation
- Static by-pass through the utility at Overload or UPS breakdown
- Load, battery state and detailed information including advanced LCD front panel
- 64 registered events history
- RS232 and dry contact output