

**ATLAS 3000**  
Series

**Atlas 3000 Series Technical Specifications**  
10 - 300 kVA 3 Phase Input - 3 Phase Output (LF) Online UPS



MODEL	ATLAS 3010	ATLAS 3015	ATLAS 3020	ATLAS 3030	ATLAS 3040	ATLAS 3060	ATLAS 3080	ATLAS 3100	ATLAS 3120	ATLAS 3160	ATLAS 3200	ATLAS 3250	ATLAS 3300									
Apparent Power (kVA)	10	15	20	30	40	60	80	100	120	160	200	250	300									
Active Power (kW)	8	12	16	24	32	48	64	80	96	128	160	200	240									
<b>INPUT</b>																						
Voltage	220/380 Vac (230/400 Vac) 3Ph+N+PE																					
Voltage Tolerance	± %15																					
Frequency	50 Hz (On request 60 Hz)																					
Frequency Range	5%																					
<b>OUTPUT</b>																						
Voltage	220/380 Vac (230/400 Vac) 3Ph+N+PE																					
Voltage Regulation	±1%																					
Frequency	50 Hz (On request 60 Hz)																					
Frequency Tolerance	Synchronized to Network ±2% in Line mode; ± 0.2 Hz in Free Running																					
Crest Ratio	3:1																					
Efficiency (100% Load)	88-90%			90%				> 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	30										32											
Charge Voltage	405 VDC						432 VDC															
End of Discharge Voltage	306 VDC						320 VDC															
Battery Protection	Battery Fuse, Battery Low/High Protection																					
Ambient Temperature	25 °C																					
Battery Test	Automatic / Manual																					
<b>COMMUNICATION</b>																						
Interface	RS232 and Dry Contacts																					
Software	UPS Management SW( 3 Clients+1 Server)																					
<b>ENVIRONMENTAL</b>																						
Operating Temperature	0 to 40 °C																					
Storage Temperature	-25 to +55 °C																					
Relative Humidity	% 0-90 (Non-condensing)																					
Altitude	<2000 m																					
Cooling	Forced Air Cooling																					
Protection Level	IP20																					
Acoustic Noise	<56 dBA			<60 dBA		<65 dBA			<70 dBA													
<b>PHYSICAL</b>																						
Dimensions (WxDxH) cm	50.5x65.5x115				57.5x82x139			72x82x185		110x81x165		119.5x87x173		158x92.5x188								
Weight without Batteries (kg)	220		260		290		415		465		595		770		897		1120		1592		1770	
<b>OPTIONS</b>																						
Input Transformer	Galvanic Isolation for the Input																					
Communication	SNMP,MODBUS																					
Parallel Operation	N+1 Unit (Up to 4 Units)																					
<b>STANDARDS</b>																						
Harmonized Standards	EN 62040-1 (LVDT), EN 62040-2 (EMC), EN 62040-3																					

**ONLINE UPS**

ATLAS 3000 Series Online UPSs protect your critical loads against utility failures and irregular voltage cases where you use three phase electricity. They are producing pure sinewave output via microprocessor controller, manufactured with the state of the art PWM and IGBT technology. Galvanic isolation transformer, parallel operation, communication port are available in the standard models. Industrial manufacturing machines, hospital and monitoring equipments, heavy, medical, communication and laboratory equipments, etc. are the main fields of use with a proved reliable high technology.

**GENERAL SPECIFICATIONS**

- Output transformer for galvanic isolation
- Emergency on-off switch
- Static by-pass through the utility at overload or UPS failure
- Input-output voltage, frequency, load, battery state, internal temperature and other detailed information monitoring via advanced LCD front panel
- 128 Events alarm memory (4000 alarm)
- SNMP (Simple Network Management Protocol) communication (optional)
- RS232 and dry contact output
- LCD Front Panel