

ATLAS 200
Series

Atlas 200 Series Technical Specifications

6 - 30 kVA 3 Phase Input - 1 Phase Output (LF) Online UPS



MODEL	ATLAS 206	ATLAS 207	ATLAS 210	ATLAS 215	ATLAS 220	ATLAS 230
Apparent Power (kVA)	6	7,5	10	15	20	30
Active Power (kW)	4.2	5.25	7	10.5	14	21
INPUT						
Voltage	220/380 Vac (3Ph+N+PE)					
Voltage Tolerance	± %15					
Frequency	50 Hz (On request 60 Hz)					
Frequency Tolerance	5%					
OUTPUT						
Voltage	220/230 Vac (1 Ph+N+PE)					
Voltage Regulation	±1%					
Frequency	50 Hz (On request 60 Hz)					
Frequency Range	Synchronized to Network ±2% in Line mode; ± 0.2 Hz in Free Running					
Crest Ratio	3:1					
Efficiency (100% Load)	86%					
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					
BATTERY						
Type	Maintenance Free Lead Acid Battery					
Quantity	20			30		
Charge Voltage	270 VDC			405 VDC		
End of Discharge Voltage	270 VDC			300 VDC		
Battery Protection	Battery Fuse, Battery Low/High Protection					
Ambient Temperature	25 °C					
Battery Cabinet	Internal					
COMMUNICATION						
Interface	RS232 and Dry Contacts					
Software	UPS Management SW(3 Client+1 Server)					
ENVIRONMENTAL						
Operating Temperature	0 to 40 °C					
Storage Temperature	-25 to +55 °C					
Relative Humidity	% 0-90 (Non-condensing)					
Altitude	<2000 m					
Protection Level	IP20					
Acoustic Noise	<45 dBA			<55 dBA		
PHYSICAL						
Dimensions (WxDxH) mm	775x265x950			660x510x1260		
Weight without Batteries (kg)	106	110	125	130	195	217
OPTIONS						
Input Transformer	Galvanic Isolation for the Input					
MBS	Maintenance Bypass Switch for Complete Isolation					
Adaptors	SNMP,MODBUS, Remote Mon. Panel, RS485					
Input Power Factor	Input Power Factor Correction (>0.97)					
Parallel Operation	N+1 Unit (Up to 4 Units)					
STANDARDS						
Harmonized Standards	EN 62040-1 (LVD), EN 62040-2 (EMC), EN 62040-3					

ONLINE UPS

ATLAS 200 Series Online UPSs protect monophasic critical loads against utility failures and irregular voltage cases where you have three phase electricity. They are producing pure sine wave output via microprocessor controlled, manufactured with the state of the art PWM and IGBT technology. Galvanic isolation transformer, parallel operability, communication ports are available in the standard models. Industrial automation, integrated facilities, building security automation, 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
- Static by-pass through the utility at Overload or UPS breakdown
- Load, battery state and detailed information monitoring via advanced LCD front panel
- RS232 and dry contact output