ATLAS 5000 Series

Atlas 5000 Series Technical Specifications

10 - 600 kVA 3 Phase Input - 3 Phase Output (HF) Online UPS

ATLAS 5010 - 5030

ATLAS 5040 - 5080

MODEL	5010	5015	5020	5030	5040	5060	5080
Apparent Power (kVA)	10	15	20	30	40	60	80
Active Power (kW)	8	12	16	24	32	48	64
INPUT							
Voltage	380 / 400 / 415 Vac 3Ph+N+PE						
Voltage Tolerance	± %20						
Frequency	50 Hz (On request 60 Hz)						
Frequency Tolerance	5%						
THDi	<5%						
Input Power Factor	0.98 - 0.99						
OUTPUT							
Voltage	380 Vac 3Ph+N+PE						
Voltage Regulation	<±1%						
Frequency	50 Hz (On request 60 Hz)						
Frequency Range	Synchronized to Network ±2% in Line mode; ± 0.01 Hz in Free Running						
Crest Ratio	3:1						
Efficiency (100% Load)	90-93 %						
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						
BYPASS							
Voltage Range	380 Vac ± %20						
Frequency Range	50 Hz ±10%						
BATTERY							
Type	Maintenance Free Lead Acid Battery						
Quantity	60						
Charge Voltage	810 V DC						
End of Discharge Voltage	630 V DC						
Battery Protection	Deep Discharge Protection						
DISPLAY PANEL							
LCD	Graphic LCD Panel, Mimic Panels and Control Panel						
LED	Line, Battery, Inverter, Load, Fault Indications						
COMMUNICATION							
Interface	Dry Contacts (Battery Low, Input Failure, System Bypass)						
ENVIRONMENTAL							
Operating Temperature	0 to 40 °C						
Storage Temperature	-25 to +55 °C						
Relative Humidity	% 0-95 (Non-condensing)						
Altitude	<1000 m						
Cooling	Air Cooling						
Protection Level	IP20						
Acoustic Noise	<55 dBA				<60 dBA		
PHYSICAL							
Dimensions (WxDxH)mm	350x795x1110				500x806x1213		
Weight without Batteries (kg)	112	115	119		160	165	172
OPTIONS							
Functions	Eco Mode, Parallel Operation, EPO Emergency Stop						
Communication	SNMP, Modem, Modbus						
STANDARDS							
Harmonized Standards	EN 62040-1 (LVD), EN 62040-2 (EMC), EN 62040-3						

ONLINE UPS

ATLAS 5000 Series are, True Online, Transformerless, Double Conversion UPS Systems with IGBT rectifier providing high input power factor and low input current THD. They produce microprocessor controlled pure sinewave output to critical loads. Industrial manufacturing machines, hospital and monitoring equipments, medical, communication and labarotory equipments,etc. are the main fields of use with a proved reliable high technology.

GENERAL SPECIFICATIONS

- IGBT Rectifier and Inverter
- Active Input Current Correction < %5
- DSP Controlled
- Up to 0.99 Input Power Factor Correction
- Static Bypass at UPS Overload or UPS Failure
- Advanced LCD Panel
- Up to 500 Event History
- Optional SNMP
- CE Certificate