

ATLAS 5000 Series

Atlas 5000 Series UPS
10-800 kVA 3 Phase Input - 3 Phase Output (HF) Online UPS



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 (Optional 440) Vac (3P+N+PE)						
Voltage Tolerance	±5...%20 (Adjustable with 1% step)						
Frequency	50 Hz (On Request 60 Hz)						
Frequency Range	%5						
THDi	<5%						
Power Factor	0,99						
OUTPUT							
Voltage	380/400/415 (Optional 440) Vac (3P+N+PE)						
Voltage Regulation	< ±1%						
Frequency	50 Hz(On request 60 Hz)						
Frequency Range	Synchronized to Network ±2% in Line mode; ±0,05 Hz in Free Running						
Crest Ratio	3:1						
Efficiency (100% Load)	Up to %93						
Power Factor	0,8						
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	380/400/415 Vac (3P+N+PE) (Optional 440 Vac)						
Frequency Range	50 (Optional 60) Hz±10%						
BATTERY							
Type	Maintenance Free Lead Acid Battery						
Quantity	60						
Charge Voltage	810 Vdc						
End of Discharge Voltage	630 Vdc						
Battery Protection	Deep Discharge Protection						
Battery Test	Automatic / Manuel						
DISPLAY PANEL							
LCD	Graphic LCD Panel, Mimic Panels and Control Panel						
LED	Line,Battery,Inverter, Load, Fault Indications						
COMMUNICATION							
Interface	Modbus RTU RS232, Dry Contacts (Battery Low, Input Failure, System Bypass)						
ENVIRONMENTAL							
Operating Temperature	0~40°C						
Storage Temperature	-25~+70°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)cm	350x795x1110				500x806x1213		
Weight without Batteries(kg)	100	105	110	110	135	140	155
OPTIONS							
Connections	Without Neutral for Input and / or Output						
Functions	Up to 6 Units Parallel Operation, EPO Emergency Stop, Split Bypass, Battery Temperature Compensation, Transportable LCD Panel						
Communication	SNMP, Modem						
STANDARDS							
Harmonized Standadr	EN 62040-1 (LVD), EN 62040-2 (EMC), EN 62040-3						

FEATURES

- IGBT Rectifier and Inverter
- Input Current Harmonic < %5
- Regenerative Operating
- Re-adjustable Battery Charge Current
- Built-in Self-Test
- Silent Performance
- Up to 6 Unit Parallel Operation
- 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
- High Performance for Medical Instruments
- Parallel Operating without Communication
- CE Certificate
- Patented Technology

ONLINE UPS

ATLAS 5000 Series are, 3 Phase in/3 Phase out 10-800 kVA True Online, Transformer-less, Double Conversion UPS Systems with IGBT rectifier providing high input power factor and low input current THD. They produce microprocessor controlled pure sine wave output to critical loads. Industrial manufacturing machines, hospital and monitoring equipment, heavy, medical, communication and laboratory equipment, etc. are the main fields of use with a proved reliable high technology.