

ATLAS 5000
Series

Atlas 5000 Series Technical Specifications

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



ATLAS 5250 - 5300



ATLAS 5160 - 5200

MODEL	5100	5120	5160	5200	5250	5300	5400	5500	5600
Apparent Power (kVA)	100	120	160	200	250	300	400	500	600
Active Power (kW)	80	96	128	160	200	240	320	400	480
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)	Up to 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, Fuse								
BYPASS									
Voltage Range for Bypass	380 Vac ± %20								
Frequency Range Bypass	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	Alphanumeric LCD Panel, Mimic Diagram and Control Panel								
LED	Line, Battery, Inverter, Load, Fault Indications								
COMMUNICATION									
Interface	Dry Contacts (Battery Low, Input Failure, System Bypass)								
ENVIRONMENTAL									
Operating Temperature	0-40 °C								
Storage Temperature	-25 ~ +55 °C								
Relative Humidity	% 0-95 (Non-condensing)								
Altitude	<1000 m								
Cooling	Forced Air Cooling								
Protection Level	IP20								
Acoustic Noise	<65dBA	<70dBA	<74dBA	<75dBA					
PHYSICAL									
Dimensions (GxDxY) mm	550x800x1335	678x1007x1747	780x1260x1900	2190x810x2029					
Weight (witout batt.) (kg)	290	315	490	540	870	890	1370	1480	1690
OPTIONS									
Functions	Eco Mode, Parallel Operation, Emergency Stop (EPO), Isolation Transformer								
Adaptors	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 laboratory 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