

Online three-phase UPS ATP III Tower

Power: 30 - 200KVA, PF1

Input voltage: 380 - 415 VAC

Output voltage: 380 - 415 VAC



ATP III Tower, provides output power factor 1.0. Equipped with 7" touch colored LCD Panel (100 and 200KVA), this series are easy and comprehensive to set up functions and modify all settings parameters through the touch screen.

ATP III Features

- True double conversion
- DSP technology guarantees high performance
- Output power factor 1.0
- Pluggable power module design
- Front access design for easy maintenance
- Dual AC Inputs
- Parallel operation up to 4 units with common battery
- Generator compatible
- Active power factor correction in all phases
- 50Hz / 60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off (EPO) function
- 3 - stage extensible charging design to optimize battery performance
- Adjustable battery numbers
- Maintenance bypass available
- Walk-in power function
- Optional isolation transformer offers complete isolation and complete common mode noise rejection



100KL / 200KL 60KL 30KL

7" touch LCD screen (for 100K-200K models)

- Customized logo and startup music
- Dynamic password optimizes service performance
- Adjustable charging current via LCD panel
- Human voice for the warning / error codes notice

**Standard multiple communication available
Two optional advanced communications for selection:**

- Dry contact with 8 inputs and 6 outputs
- Battery temperature, USB OTG, CAN, RS485 and EMBS

Parallel operation up to 4 units with common battery



Removable Cover



Pluggable Power Module for Effortless Maintenance

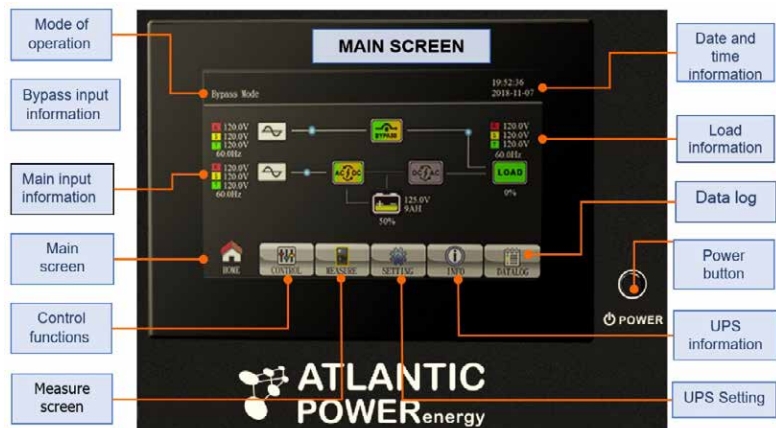


Maintenance Bypass Switch

AC input Switch
Bypass Switch
AC output Switch

ATP III Operation panel

Displays information on the status of the UPS, input and output electrical parameters, charge percentage and backup time of the UPS system. Allows the selection of operating modes and configuration of equipment operating parameters.



Technical Specifications

MODEL	ATP-30KL	ATP-60KL	ATP-100KL	ATP-120KL	ATP-180KL	ATP-200KL
PHASE	3-phase in / 3-phase out					
CAPACITY	30KVA / 30KW	60KVA / 60KW	100KVA / 100KW	120KVA / 120KW	180KVA / 180KW	200KVA / 200KW
PARALLEL CAPABILITY	6					
INPUT						
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)					
Voltage Range	110-300 VAC @ 50% load ; 176-276 VAC @ 100% load					
Frequency Range	40~70 Hz					
Power Factor	0.99 @ 100% load					
Harmonic Distortion (THDi)	< 3% at full linear load					
OUTPUT						
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N)					
AC Voltage Regulation (Batt. Mode)	± 1%					
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz					
Frequency Range (Batt. Mode)	50/60 Hz ± 1%					
Current Crest Ratio	3:1 (max.)					
Harmonic Distortion	1% THD (Linear Load) ; 3% THD (Non-linear Load)					
Transfer Time	AC to battery: Zero Inverter to bypas:: Zero					
Waveform (Batt. Mode)	Pure Sinewave					
Overload Capability	100-110% for 60 min, 111-125% for 10 min, 126%~150% for 1 min; >150% or 400ms					
BYPASS						
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)					
Voltage Range	-30% ~ +20% (Adjustable)					
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz					
Overload Capability	> 130% 1 minute (default) ; Continously working until breaker protection (optional)					
EFFICIENCY						
AC Mode	96.0%					
ECO Mode	99.0%					
Battery Mode	96.0%					
BATTERY						
Battery Type	Depending on application					
Battery Numbers	32~40 pcs (Adjustable)					
Charging Current (max.)	1A~12A, Adjustable	1A~20A, Adjustable	2A~40A, Adjustable	3A~60A, Adjustable		
Charging Voltage	+/-13.65V*N (N = 16~20)					
INDICATORS						
7" Touch color LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions					
PHYSICAL						
Dimension, D x W x H (mm)	630 x 250 x 750	815 x 300 x 1000	974 x 600 x 1600			
Net Weight (Kgs)	43	74	241	286	286	382
ENVIRONMENT						
Operating Temperature	0-40°C					
Operating Humidity	< 95 % and non-condensing					
Altitude**	0 ~ 1500m at full load					
Noise Level	Less than 65dB @ 1 Meter			Less than 70dB @ 1 Meter		
MANAGEMENT						
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

* Si el UPS se instala o utiliza en un lugar donde la altitud es superior a la altura máxima, la potencia de salida se reducirá en un 1% por cada 100m.

