

Online three-phase UPS

ATP II 33 CE

Power: 10~40KVA, PF1

Input voltage: 3x(208~220) VAC

Output voltage: 3x(208~220) VAC



ATP-II 33 10K-40K CE certified, provides output power factor 1.0. Equipped with 5" touch colored LCD, this series are easy and comprehensive to set up functions and modify all settings parameters through the touch screen.



ATP II 10K(L)



ATP II 15K(L)
ATP II 20K(L)



ATP II 30K(L)
ATP II 40K(L)

Outstanding features

- **DSP technology for high reliability**

A Digital Signal Processor (DSP) technology digitizes the data and mathematically manipulates them to provide an improved solution with higher performance.

- **Output power factor 1**

For critical applications, this 3-phase online UPS with output power factor ensures higher efficiency and advanced performance.

- **Active power factor correction in all phases**

Power factor correction is active in all phases and it can improve the efficiency of input.

- **Dual Inputs**

ATP II 33 series is also available for optional dual inputs to support various inputs to have flexibility for system configuration.

- **50Hz/60Hz frequency converter mode**

Lock output frequency at 50Hz or 60Hz to suit power sensitive equipment's.

- **ECO mode operation for energy saving**

ECO mode improves the efficiency up to 98% to cut energy usage & cost. In this mode, loads are supplied by the mains directly. While mains failure, the UPS will constantly supply the power to the connected device without any interruption.

- **Emergency power off function (EPO)**

In case of any emergency and fire, the EPO control mechanism can instantly shut down the system.

- **Adjustable charging current**

Users can adjust charging current via LCD setting based on applications.

- **Very powerful charger**

ATP II 33 series is built-in super charger. 10K: 10A maximum

15~20K: 20A maximum

30K~40K: 24A maximum

It's also supports very long runtime applications when connecting to big capacity of external battery Touch cabinet.

- **Parallel operation with common battery**

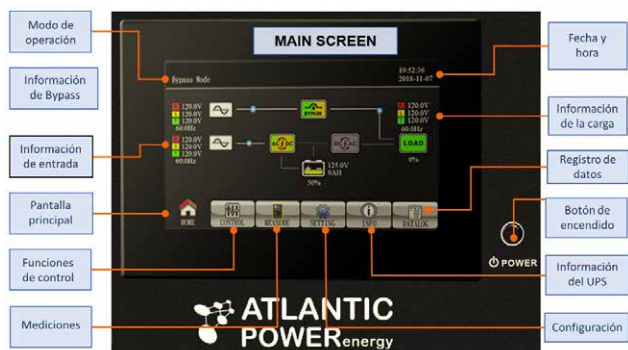
Maximum three UPSs can be operated in parallel, increasing the capacity and performance. Besides, this parallel UPS system can share common battery packs which might greatly reduce the expense and reach the same performance.

- **High overload capability**

Supporting 110% overload capacity for 60 min and up to 1 min overload condition at 150% load.

- **Adjustable battery design**

The number of connected batteries can be adjusted flexibly based on different power demands. This feature can allow UPS to keep running even when some battery packs are damaged.



ATP II 33 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.

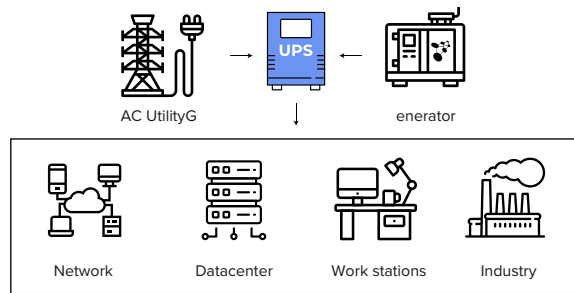
UPS Back panel

1. RS-232 communication port
2. USB communication port
3. Emergency power off (EPO connector)
4. Share current port (reserved for parallel model)
5. Parallel port (only reserved for parallel model)
6. Intelligent slot
7. External battery connector
8. Line input circuit breaker/switch
9. Maintenance bypass switch
10. Input output terminal
15. Bypass input circuit breaker/switch
17. Output circuit breaker

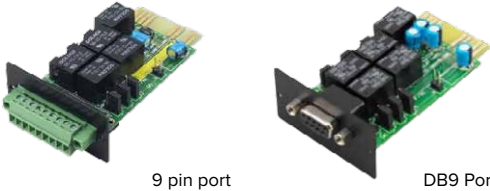


Application fields

Its versatility and reliability make it an ideal UPS for medium and large datacenters, industrial processes, sensitive equipment in telecommunications networks and as a power supply to office equipment in medium and large companies.



Connectivity options

 WiFi / GPRS Card	WiFi Smart Card Wi-Fi Smart Card can enable wireless communication between On-Line UPS and monitoring platform. Users have complete and remote monitoring and controlling experience for UPS when combining Wi-Fi Smart Card with ViewPower APP, available for both iOS and Android based device. GPRS/3G Card Can collect the data from various device, and transmit data in GPRS or 3G system to data center. It's suitable for places where there is no access to Internet. The HTTP service of data center can manage and monitor several devices, and can record all data/events within data center.
 SNMP Web Pro SNMP Web	SNMP Web Pro Card, SNMP Web Box Embedded with Web Server and installed with SNMP Web Manager, it provides real-time remote monitoring and controlling multiple UPSs from anywhere with internet access. Integrated with ViewPower Pro software, it can monitor and control a big-scale UPS monitoring system.
 Modbus Card	Modbus Card The Modbus card provides UPS the functionality of communication with PCs through MODBUS RTU protocol. When each UPS installed with one modbus card, up to 31 UPSs can be monitored from one computer.
 9 pin port DB9 Port	Relay Card The AS400 communication card provides contact closures for remote monitoring UPS. To meet different application requirement, the AS400 card is capable of selection the status of the dry-contact signal (active close or active open) by setting jumper.
 EMD EMD	Environmental Monitoring Device (EMD) Is used to remotely monitor temperature and humidity via SNMP manager. It also provides two dry contacts to receive signals from devices such as security and alarm system.

Especificaciones técnicas

MODEL		ATP II 10K L 10KL DUAL	ATP II 15K L 15KL DUAL	ATP II 20K L 20K L DUAL	ATP II 30KL 30KL DUAL	ATP II 40KL 40KL DUAL
PHASE		3-phase in / 3-phase out				
CAPACITY		10KVA /10KW	15KVA /15KW	20KVA /20KW	30KVA /30KW	40KV /40KW
INPUT						
Nominal Voltage		3 x 208/220 VAC (Ph-Ph), 3 x 120/127 VAC (Ph-N)				
Voltage Range		138~270 VAC (3-phase) @ 50% load; 173~253 VAC (3-phase) @ 100% load 80~156 VAC (Ph-N) @ 50% load; 100~146 VAC (Ph-N) @ 100% load				
Frequency Range		46~54 Hz or 56~64Hz				
Power Factor		≥ 0.99 @ 100% Load				
OUTPUT						
Output Voltage		3 x 208/220 VAC (Ph-Ph), 3 x 120/127 VAC (Ph-N)				
AC Voltage Regulation (Batt. Mode)		± 1%				
Frequency Range (Synchronized Range)		46~54Hz or 56~64Hz				
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz				
Current Crest Ratio		3:1 (max.)				
Harmonic Distortion		≤ 2 % THD (Linear Load) ; ≤ 4 % THD (Non-linear Load (PF≥0.8))				
Transfer Time	AC Mode to Batt. Mode	Zero				
	Inverter to Bypass	Zero				
Waveform (Batt. Mode)		Pure Sine wave				
Overload	AC Mode	100-110% for 1 hr. 110-130% for 1 min, >130% for 1 second				
	Battery Mode	100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second				
EFFICIENCY						
AC Mode		93%				
ECO Mode		97%				
Battery Mode		92.5%				
BATTERY						
Standard Model	Battery Type	12 V/9 Ah	12 V/7 Ah	12 V/9 Ah		N/A
	Numbers	16 (8+8) pcs x 2 string	16 (8 +8) pcs x 4 strings			
	Typical Recharge Time	9 hours recover to 90% capacity				
	Charging Current (max.)	1A~12A ± 10% (Adjustable)				
	Charging Voltage	+/- 109 VDC ± 1%				
Long-run Model	Battery Type	Depending on applications				
	Numbers	16~20 pcs (Adjustable)				
	Charging Current (max.)	1A ~ 12A (Adjustable)			8A/16A/24A (Adjustable)	
	Charging Voltage	+/-13.65V*N (N = 8~10)				
INDICATORS						
LCD Display		UPS status, Load level, Battery level, Input/output voltage, Discharge timer, and Fault conditions				
PHYSICAL						
Standard Model	Dimension, DxWxH (mm)	626 x 250 x 826	815 x 300 x 1000			N/A
	Net Weight (kgs)	139 / 141	152	152		
Long-run Model	Dimension, DxWxH (mm)	626 x 250 x 826	815 x 300 x 1000			790 x 360 x 1010
	Net Weight (kgs)	43 / 45	60 / 65	67 / 71	108 / 112	113 /117
ENVIRONMENT						
Operation Temperature		0-40°C				
Operation Humidity		< 95% and non-condensing				
Operation Altitude		<1000m (*)				
Noise Level		Less than 58 dB @ 1 meter	Less than 65 dB @ 1 meter	Less than 70 dB @ 1 meter	Less than 70 dB @ 1 meter	Less than 75dB@ 1 @ 1 meter
MANAGEMENT						
Smart RS-232 / USB		Supports Windows@ 2000/2003/XP/Vista/2008, Windows@ 7/8/10, Linux and MAC				
Optional SNMP		Power management from SNMP manager and web browser				

* If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated 1% per 100m.
Product specifications are subject to change without further notice.

