Online single-phase UPS

ATP One Tower

Power: 1~3KVA, PF1
Input voltage: 120Vac
Output voltage: 120 Vac

With true double conversion design, ATP-One series provides powerful and overall protection to your sensitive devices in harsh environments.

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.

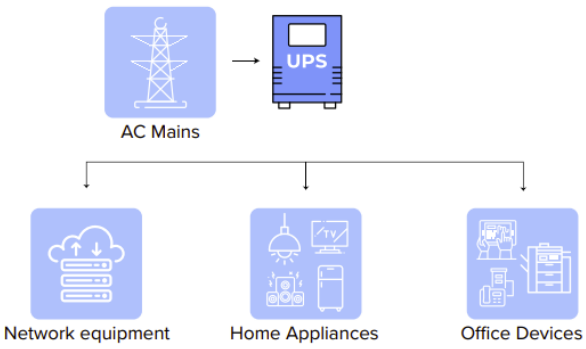
ATP One Features

- True double-conversion.
- Output power factor 1.
- Input power factor correction.
- 50/60Hz Frequency Converter Mode.
- ECO mode energy saving.
- Emergency power off (EPO) function.
- Provides over voltage cut-off protection and surge immunity by MOV.
- High power factor charger up to 8A capacity with very low ripple current.
- Low input THDi to reduce power system pollution.
- Adjustable charging current via LCD panel.
- Smart battery charger design to optimize battery performance.
- Generator compatible
- Optional HID Power Device USB Port

Application fields

Specially designed for the protection of sensitive equipment in general

- Network equipment
- Home appliances
- Office devices



Type of input and output connections for ATP One Tower

ATP One Tower model	Input plug type	Output NEMA type	Output IEC type (option)
ATP One-1000	NEMA 5-15P 15A 125V	(4) 5-15R Protected outlets * (2) 5-15R Programable outlets **	(4) C13 Protected outlets (2) C13 Programable outlets
ATP One-1500	NEMA 5-15P 15A 125V	(4) 5-15R Protected outlets (2) 5-15R Programable outlets	(4) C13 Protected outlets (2) C13 Programable outlets
ATP One-2000	NEMA 5-20P 20A 125V	(4) 5-20R Protected outlets (4) 5-20R Programable outlets	(4) C13 Protected outlets (4) C13 Programable outlets
ATP One-3000	NEMA L5-30P 30A 125V	(4) 5-20R Protected outlets (4) 5-20R Programable outlets (1) L5-30R Protected outlet	(4) C13 Protected outlets (4) C13 Programable outlets (1) C19 Protected outlet

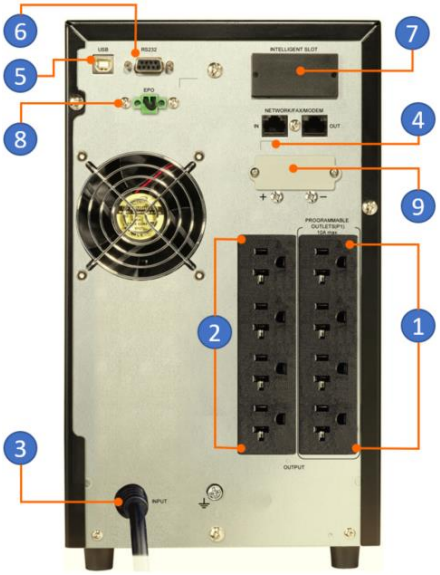
(*) Protected outlets: Connect to mission-critical loads.
(**) Programable outlets: Connect to non-critical loads.

Back panel

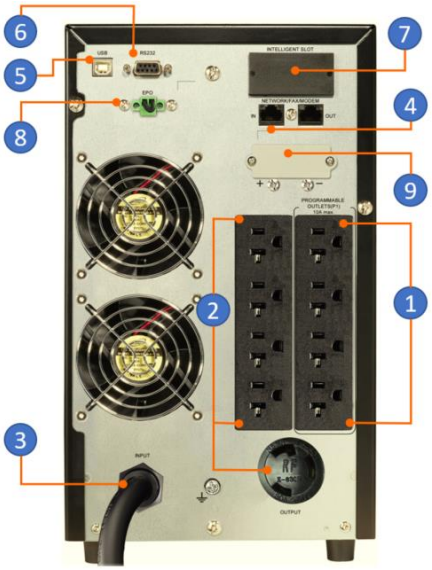
1) Programmable outlets: Connect to non-critical loads.
2) Output receptacles: Connect to mission-critical loads.
3) AC input.
4) Network/ Fax/ Modem surge protection.
5) USB communication port.
6) RS-232 communication port.
7) SNMP intelligent slot.
8) Emergency power off function connector (EPO).
9) External battery connection

ATP One-1000, ATP One-1500

ATP One-2000



ATP One-3000



Connectivity options


WiFi Smart


GPRS/3G

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 with in data center.


SNMP Web Pro


SNMP Web

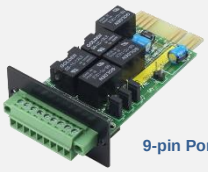
SNMP Web Pro Card, SNMP Web Box

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.

Technical specifications

MODEL		ATP One-1000	ATP One-1500	ATP One-2000	ATP One-3000
PHASE		Single phase with ground			
CAPACITY *		1000 VA / 1000 W	1500 VA / 1500W	2000 VA / 2000 W	3000 VA / 3000 W
INPUT					
Nominal Voltage		100/110/115/120 /127 VAC			
Voltage Range		55 - 150 VAC ± 3 % at 50% load 80 - 150 VAC ± 3 % at 100% load			
Frequency Range		40Hz ~ 70Hz			
Power Factor		≧ 0.99 @ nominal voltage (100% load)			
THDi%		≦ 5%@80~140Vac			
OUTPUT					
Output Voltage		100*/110/115/120 /127 VAC			
AC Voltage Regulation (Batt. Mode)		± 1%			
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57~63Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz			
Current Crest Ratio		3:1			
Harmonic Distortion		≦ 2% THD (Linear Load), ≦ 4 % THD (Non-linear Load)			
Transfer Time	AC to DC	Zero			
	Inverter to Bypass	4 ms (Typical)			
	ECO to Battery	8 ms (Typical), 10 ms (max)			
Waveform (Batt. Mode)		Pure Sinewave			
EFFICIENCY					
Line Mode		≧89% @ full charged battery		≧91% @ full charged battery	
ECO Mode		≧ 96% @ battery fully charged			
Battery Mode		≧88%		≧90%	
BATTERY					
Battery Type		12 V / 9 AH	12 V / 9 AH	12 V /9AH	12 V / 9AH
Quantities		2	3	4	6
Typical Recharge Time		3 hours recover to 95% capacity for internal battery@ 2A charging current			
Charging Current		Default: 2A, Max: 8A adjustable			
Charging Voltage		27.4 VDC ± 1%	41.0 VDC ± 1%	54.7 VDC ± 1%	82.2VDC ± 1%
RUN TIME					
At 100% load		3min	3min	3min	3min
At 80% load		4min	4min	4min	4min
At 50% load		9min	9min	9min	9min
INDICATORS					
LCD Panel		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicator			
PHYSICAL					
Dimension, D x W x H (in)		15.63 x 5.71 x 8.66		16.57 x 7.48 x 12.52	
Net Weight (without battery) (lb)		14.55	15.87	20.06	28.44
Net Weight (w/ built-in battery) (lb)		25.79	32.19	42.33	61.73
ENVIRONMENT					
Humidity		20-95 % RH @ 32- 104°F (non-condensing)			
Noise Level		Less than 50dBA @ 3.28feet (with Fan speed control)			
MANAGEMENT					
Smart RS-232 or 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			
CERTIFICATION					
EMC/Safety		cTUVus (Compliant with UL 1778), RoHS Compliant			

*Derate capacity to 90% when the output voltage is adjusted to 100VAC

Product specifications are subject to change without further notice.