

# Three-phase UPS ATP DT33 Series

Power: 60~180KVA

Input voltage: 200~220 Vac

Output voltage: 200~220 Vac



ATP DT33 series three phase UPS offers advanced technology that increase performance and reliability: three high speed DSPs with completed digital control fully ensure high quality of power supply, high input power factor and low input current distortion. It also offers humanization design: full front access of serviceability and user-friendly interface.



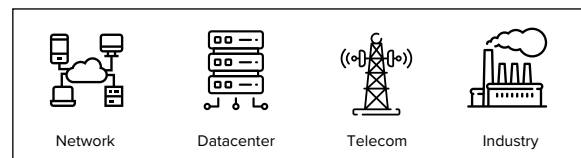
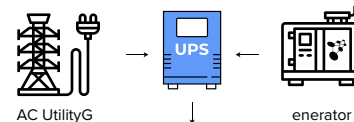
## ATP DT33 Features

- High efficiency, up to 93%.
- High input PF >0.99; Input current THDi <3%.
- Multi-protection, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit.
- Battery cold start.
- Battery management with smart charging control, greatly extend the battery life.
- High power density.
- Parallel up to 540kVA.
- Modular design of subsystem, convenient for field maintenance.
- Friendly operation interface, color touch LCD screen.

## Application fields

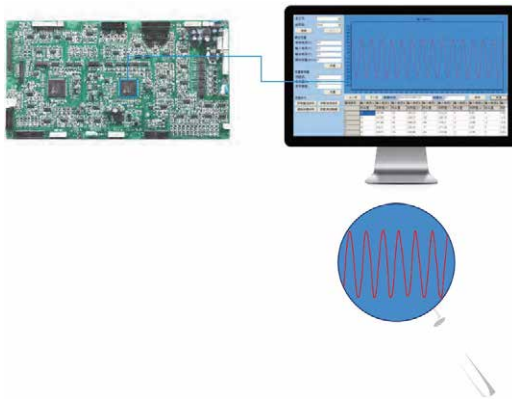
Specially designed for the protection of sensitive equipment in general, servers and workstations.

IDC (Internet Datacenter), ISP, IT, Room, Service Center.



### Friendly Interface

Touch color LCD with comprehensive graphical information of operation, easier for customer to maintain.



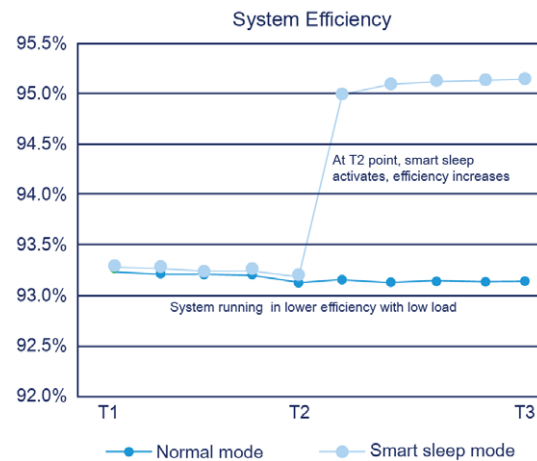
### Critical Waveform Recording

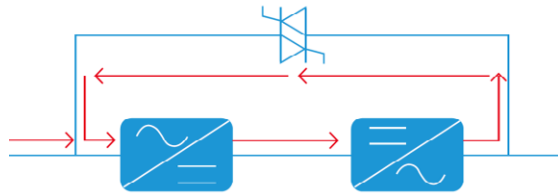
- UPS can record and save the data of the main parameters automatically when faults happen for further analysis.
- Can record data information and present as waveform for further analysis.
- Can easily spot the causes of the failures, avoid future similar faults.

### Smart Sleep

Smart Sleep function can intelligently make some power modules go to sleep when load is relatively low, improving the efficiency of the remaining power modules and saving customers on power and cooling costs.

- Improving efficiency, reducing power and cooling costs.
- Easy setting with just two steps. Customers can select sleep mode and rotation period.
- Power modules working in rotation, prolong the life time.





### Self-aging

Self-aging is an advanced function applied in all three phase UPS, Self-aging function can test UPS under different load situation without real load, saving more than 90% of energy.

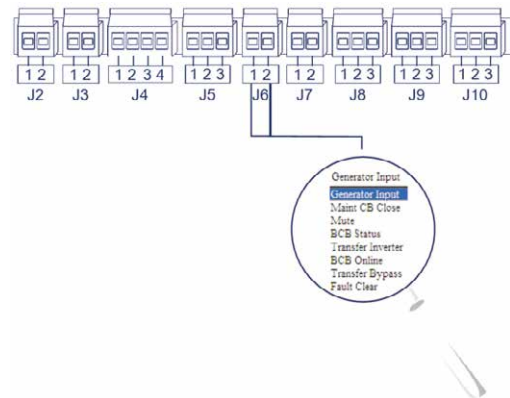
- Simulate different load conditions without connecting to any real load, saving 90% of energy.
- On site setting supported, easy for factory testing.

### Programmable Dry Contacts

Programmable dry contacts are available in all ATP-RM and ATP-DT33 series UPS. Customers can easily expand or modify the definition of each port.

Abundant options with three inputs and four outputs, all programmable

Easy setting, just pull the drop-down menu and set Compatible with all the ATP-RM and ATP-DT33.



## Technical specifications

MODEL	ATP-DT3360X	ATP DT3390X	ATP DT33120X	ATP DT33150X	ATP DT33180X	
Capacity	60kVA/60kW	90kVA/90kW	120kVA/120kW	150kVA/150kW	180kVA/180kW	
<b>INPUT</b>						
Phase	3 Phase + Neutral + Ground, 208V/220V (line to line)					
Voltage range	166~261Vac (Line-Line), full load 125V~166Vac (Line-Line), load decrease linearly according to the min phase voltage					
Frequency range	40Hz-70Hz					
THDi	<3% (full linear load)					
Power factor	>0.99					
<b>OUTPUT</b>						
Voltage	200/208/220VAC (Line-Line)					
Voltage regulation	±1% for balance load; ±1.5% for unbalance load					
THDu	<1.5% (linear load), <6% (none-linear load)					
Power factor	1.0					
Frequency range	50/60Hz					
Overload capacity	110% for 60 min; 125% for 10 min; 150% for 1 min; >150% for 200ms					
<b>BATTERY</b>						
Voltage	±120VDC					
Charge power	20%*System Power					
Voltage precision	1%					
<b>SYSTEM</b>						
Efficiency	Normal	>93%				
	Battery	>93%				
Display	Color LCD touch screen+ LED+ Keyboard					
IP class	IP20					
Interface	Standard:RS232, RS485, USB, Dry contact (Programmable)					
	Optional: Battery Cold Start (Standard above 150kVA)					
	SNMP, AS400, parallel kit, Lightning protection components					
Operation/storage	0-40 °C/-40-70 °C					
Relative humidity	0-95% (non-condensing)					
Noise	65dB @ 100% load, 62dB @ 45% load (1 meter away)					
<b>PHYSICAL</b>						
Weight (kg)	Cabinet	210	305	350	445	490
Dimension (W*D*H) mm	Cabinet	600*980*1150	650*960*2000	650*960*1600	650*960*2000	650*960*2000

