

Online three-phase UPS

ATP DTC33

Power: 10~40KVA, PF1

Input voltage: 3x(208~220) VAC

Output voltage: 3x(208~220) VAC



ATP DTC33 monolithic UPS in tower format, with integrated battery bank, designed for three-phase voltages of 200/208/220V. With high output power factor and high efficiency.

Built in a compact structure that is easy to install in a small space, it's the ideal choice for small and medium-sized data centers.

Outstanding features

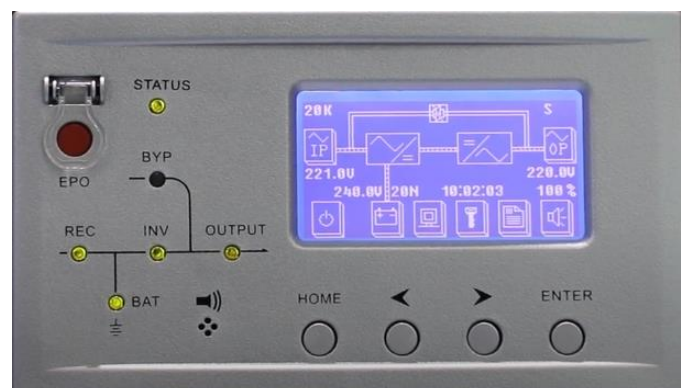
- Capacity from 15KVA to 40KVA
- Output Power Factor 1
- High efficiency, up to 94%
- Low input current distortion: THDi < 4%
- Battery Management with Smart Charging Control
- Cold start with batteries
- Hot Pull Battery Modules
- User-friendly operation interface
- High-resolution LCD display
- Easy to operate, with less human error
- Built-in maintenance bypass
- Parallel operation (optional)
- SNMP communication (optional)

Operation Panel

Displays information about UPS status, input and output electrical parameters, load percentage, and UPS system backup time. It allows the selection of operating modes and the configuration of the operating parameters of the equipment.

Three functional areas:

- LEDs Status Indicators
- Operation Buttons
- LCD Screen



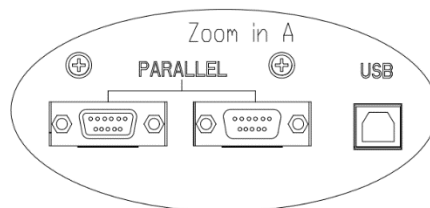
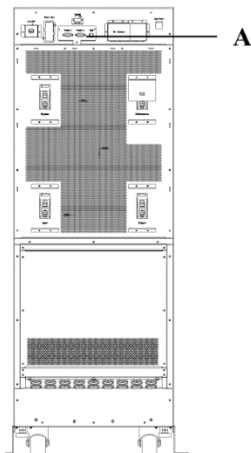
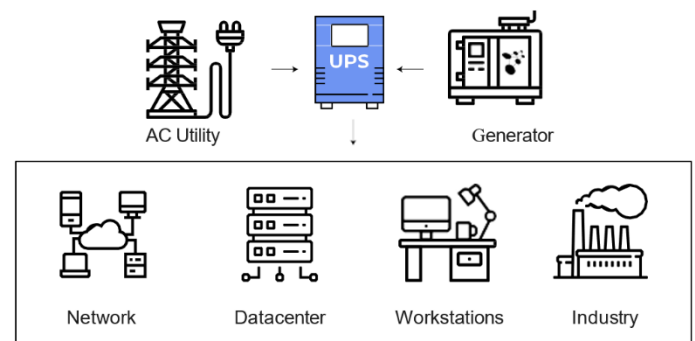


Rear Panel

- Smart Slot
- Parallelism Ports
- RS485 and USB communication ports
- Auxiliary Contacts

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.

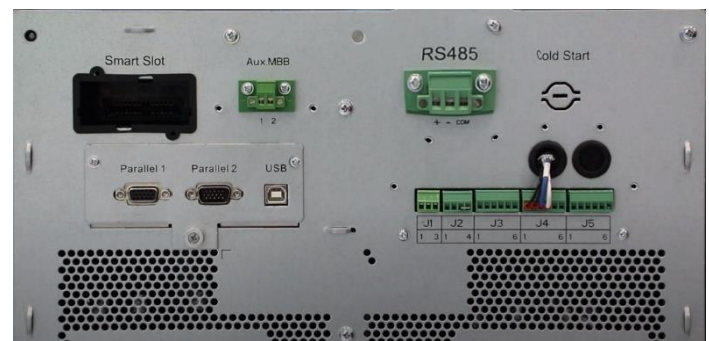


Parallel Option

Up to 4 UPS could be paralleled.

Communication and Management

- RS485
- USB
- Programmable Dry Contacts
- SNMP Option
- Parallel Card Option



Technical specifications

MODEL	ATP DTC33015S	ATP DTC33020S	ATP DTC33030S	ATP DTC33040S
System Capacity	15kVA/15KW	20kVA/20KW	30KVA/30KW	40KVA/40KW
INPUT				
Phase	Three Phase + Neutral + Ground, 200V/208V/220V (line-to-line)			
Nominal Input Voltage	200/208/220VAC			
Input Voltage Range	177-239Vac (line-to-line), full load; 187-253Vac (line-to-line), full load; 125~177/132~187Vac (line-to-line), the load decreases linearly according to the minimum phase voltage			
Input Frequency Range	40Hz~70Hz			
Input PF	0.98>25% load, 0.99>50% load			
Input THDi	<4% (100% linear load)			
BYPASS				
Nominal Voltage	200/208/220Vac (line-line)			
Nominal Frequency	50/60Hz			
Bypass Voltage Range	-10~40%; +10~25% (configurable)			
Voltage Range	+/-1Hz, +/-3Hz, +/-5Hz (configurable)			
Bypass overload	110% works in the long run; 125% for 10 min; 150% for 1 min; 1000% for 10ms			
OUTPUT				
Nominal Output Voltage	200/208/220			
Voltage regulation	+/-2% (100% load balanced)			
THDu Output	<2% , Linear load; <6%, Non-linear load			
Frequency regulation	50/60 Hz +/-0.1%			
Crest factor	2,5:1			
Output PF	1			
Inverter overload	110% for 1 hour; 125% for 10 min; 150% for 1 min			
BATTERY				
Nro. batteries per string	20pcs			
Internal Bank Capacity	60pcs, 7Ah/9Ah	60pcs, 7Ah/9Ah	120pcs, 7Ah/9Ah	120pcs, 7Ah/9Ah
Autonomy Time	9 min	6min	9min	6min
Battery overcharge	125% for 10 min; 150% for 1 min			
Recharging power	Up to 20% * Active Input Power			
SYSTEM				
Efficiency	Normal	94%		
	Battery	94%		
	ECO	98%		
IP Class	IP20			
Interface	RS485, USB, Programmable Dry Contacts, SNMP Option			
Temperature	Operating: 0~40°C Storage: -25~55°C			
Relative humidity	0~95% Non-condensing			
Altitude	<1000M, reduces power by 1% for every 100m of lifting			
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load			
Dimension W×D×H(mm)	380*840*1400		380*940*1400	500*1000*1400

