

PT 3P/3P Rack



- True double-conversion
- LCD screen auto-rotation with Rack position (only for 10K-40K models)
- DSP technology guarantees high performance
- Output power factor 1
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- Supports dual AC inputs
- Adjustable battery numbers
- Parallel operation with common battery
- Optional isolation transformer offers full isolation and complete common mode noise rejection

S E R V I S E

PT3P/3P Rack Online UPS Selection Guide

MODEL	10KL	15KL	20KL	30KL	40KL	60KL
PHASE	3-phase in / 3-phase out					
CAPACITY	10KVA/10KW	15KVA/15KW	20KVA/20KW	30KVA/30KW	40KVA/40KW	60KVA/60KW
PARALLEL CAPABILITY	4					
INPUT						
Nominal Voltage	3 x 400 VAC (3Ph+N) or 208*/220/230/240 VAC (Ph-N)					
Voltage Range	190-520 VAC (3-phase) @ 50% load ; 305-478 VAC (3-phase) @ 100% load					
Frequency	46~54 Hz or 56~64Hz					
Power Factor	≥ 0.99 @ 100% load					
OUTPUT						
Output Voltage	3 x 360*/380/400/415 VAC (3Ph+N) or 208*/220/230/240 VAC (Ph-N)			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 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz					
Current Crest Ratio	3:1 (max.)					
Harmonic Distortion	≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)					
Transfer Time	AC mode to Battery mode	Zero				
	Inverter to Bypass	Zero				
Waveform (Batt. Mode)	Pure Sinewave					
Overload	AC Mode	100-110% for 60 min, 110-125% for 10 min, 125%~150% for 1 min; >150% immediately				
	Battery Mode	100-110% for 60 min, 110-125% for 10 min, 125%~150% for 1 min; >150% immediately				
EFFICIENCY						
AC Mode	95.5%					
ECO Mode	98.5%					
Battery Mode	94.5%					
BATTERY						
Battery Type	Depending on the applications					
Battery Numbers	20 pcs	32~40 pcs (Adjustable)				
Charging Current (max.)	1A~12A(Adjustable)			1A~16A (Adjustable)	1A~18A (Adjustable)	
Charging Voltage	+/- 13.65 VDC x N (N=10)	+/- 13.65 VDC x N (N=16~20)				
PHYSICAL						
Dimension, D x W x H (mm)	680 x 438 x 133 [3U]					797x438x176 [4U]
Net Weight (Kgs)	27	30	30	32	34	45
ENVIRONMENT						
Operating Temperature	0-40°C					
Operating Humidity	< 95 % and non-condensing					
Noise Level	Less than 62dB @ 1 Meter	Less than 65dB @ 1 Meter	Less than 65dB @ 1 Meter	Less than 65dB @ 1 Meter	Less than 70dB @ 1 Meter	
MANAGEMENT						
Smart RS-232/USB	Supports Windows® family, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

*When output voltage is set as 3 x 360VAC or 208 VAC, the output power of the unit will be de-rated to 90%. .
Product specifications are subject to change without further notice.