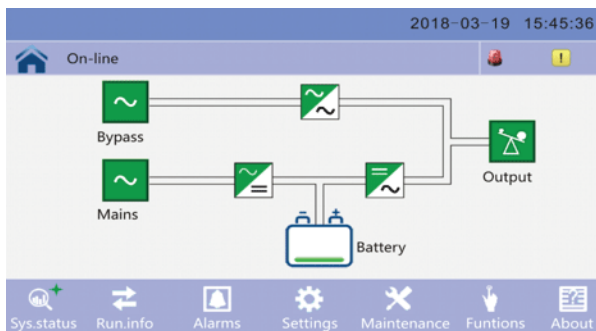


Online UPS

10 - 40 kVA

Long run units
with external batteries

3:3 Phase



7" Touch LCD display



Features

- Online double conversion with DSP control
- Output transfer time is 0ms
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: 3%
- OCO function
- Charging/Rectifier/Inverter fully digital control technology
- Optional external battery cabinet with 32, 34, 36, 38 or 40 pcs
- Wide input voltage range: 208 ~ 478 Vac
- Wide input frequency range 40-70Hz
- DC start
- Communication port: USB/RS232/RS485/Parallel port/dry contact
- Optional: SNMP card/relay card
- 7" LCD touch display
- Intelligent charging management
- EPO function

MODEL		UPS10YH330T	UPS15H330T	UPS20YH330T	UPS30YH330T	UPS40YH330T
Capacity (VA / Watts)		10 kVA / 9 kW	15 kVA / 13.5 kW	20 kVA / 18 kW	30 kVA / 27 kW	40 kVA / 36 kW
Phase		3:3 Phase				
INPUT						
Nominal voltage		380 / 400 / 415 Vac; (3 Ph + N + PE)				
Operating voltage range		208 ~ 478 Vac				
Operating frequency range		40~55Hz(50/60HzAuto sensing)				40 ~ 70 Hz
Power factor		≥ 0.99				
Bypass voltage range		Max. voltage: 2200 Vac: +25 % (optional +10 %, +15 %, +20 %) 230V: +20 % (optional +10 %, +15 %) 240V: +15 % (optional +10 %) Min. voltage: -45 % (optional -20 %, -30 %)				
Bypass frequency range		50/60Hz ±10 %				
ECO range		Same as bypass voltage range				
Harmonic distortion (THDi)		< 3%				
OUTPUT						
Output voltage		380 / 400 / 415 Vac (3Ph+N+PE)				
Power factor		0.9 & 1				
Voltage regulation		±1 %				
Frequency	Line mode (synchronized range)	±1 % / ±2 % / ±4 % / ±5 % / ±10 % of the rated frequency (optional)				
	Bat. mode	50 / 60 Hz ±0.1 Hz				
Crest factor		3:1				
Harmonic distortion (THDv)		≤ 2 % THD (Linear load)				
		≤ 5 % THD (non-linear load)				
Waveform		Pure sinewave				
Efficiency		> 93.5 %	> 94.5 %			
Transfer time		Utility to battttery : 0 ms. Utility to bypass: 0 ms				
BATTERY						
Battery voltage		Optional Voltage: ±96V/ ±108V/ ±120Vdc (16/18/20 pcs of batteries optional)	Optional Voltage: ±96V/ ±108V/ ±120Vdc (16/18/20 pcs of batteries optional)	Optional Voltage: ±96V/ ±108V/ ±120Vdc (16/18/20 pcs of batteries optional)	Optional Voltage: ±192V/ ±204V/ ±216V/22V/±240 Vd (32/34/38/38/40 pcs of batteries optional)	
Capacity		Optional External Battery Cabinet				
Charging current (max.)		14A	16A	18A	20A	20A
SYSTEM FEATURES						
Transfer time		Utility to battery: 0ms; Utility to bypass: 0ms				
Overload	Line mode	Load ≤110 %: Last 60 min, ≤ 125 %: Last 10 min, ≤ 150 %: Last 1 min, > 150 %: Switch to bypass mode immediately				
	Bypass mode	63 A (Breaker)		100 A (Breaker)		125 A (Breaker)
Short circuit		Hold whole system				
Overheat		Line mode: Switch to bypass. Backup mode: Shut down UPS immediately				
Battery low		Alarm and switch off				
Self-diagnostics		Upon power on & software control				
Battery		Advanced battery management				
Audible & visual alarms		Line failure, battery undervoltage, overload, system fault				
LED & LCD display		Line mode, backup mode, eco mode, bypass mode, battery undervoltage, battery bad, overload & UPS fault				
LCD display		Input voltage, input frequency, output voltage, output frequency, load percentage, battery voltage, inner temperature & remaining battery backup time				
MANAGEMENT						
Communication ports		RS232, USB, PArallel port, REPO port, Coupler dry contact, SNMP card (optional), relay card (optional), LBS port (only 60 & 80Kva)				
OPERATING ENVIRONMENT						
Operating temperature		0 ~ 40 °C				
Storage temperature		-25 °C ~ 55 °C				
Humidity range		0 ~ 95 % (Non-condensing)				
Recommended altitude		< 1500 m				
Noise level		< 58 dB		< 58 dB		
PHYSICAL FEATURES						
Dimensions (W * D * H) mm		250 * 580 * 655				
Approx. net weight (kg)		35	39	40	43	46
STANDARDS						
Safety		IEC/EN62040-1, IEC/EN60950-1				
EMC		IEC/EN62040-2,	IEC61000-4-2,	IEC61000-4-3,	IEC61000-4-4,	IEC61000-4-5, IEC61000-4-6, IEC61000-4-8