

YDC3300 series Technical Specifications:

MODEL	YDC3310S/H	YDC3315S/H	YDC3320S/H	YDC3330S/H	YDC3340H
Capacity (VA/Watts)	10K / 9K	15K / 13.5K	20K / 18K	30K / 27K	40K / 36K
INPUT					
Nominal voltage	380/400/415Vac, (3Ph+N+PE)				
Operating voltage range	208~478Vac				323~478Vac
Operating frequency range	45-55Hz at 50Hz/54-66Hz at 60Hz (auto sensing)				
Power factor	≥0.99				
Harmonic distortion (THDi)	≤3% (100%non-linear load)				
Bypass voltage range	220Vac Max.voltage: +25%(optional +10%,+15%,+20%) 230Vac Max.voltage: +20%(optional +10%,+15%) 240Vac Max.voltage: +15%(optional +10%) Min. voltage: -45% (optional -20%,-30%) Frequency synchronize tracing range: ±10%				
Generator input	Support				
OUTPUT					
Output voltage	380/400/415Vac (3Ph+N+PE)				
Voltage regulation	±1%				
Power factor	0.9				
Output frequency	Line Mode: synchronize with input; when input frequency >±10% (±1%/±2%/±4%/±5% optional), output (50/60±0.1)Hz. Battery Mode:(50/60±0.1)Hz				
Crest factor	3:1				
Harmonic distortion (THD)	≤2% with linear load ≤5% with non linear load				
Efficiency	≥93.5%			≥94.5%	
SYSTEM FEATURES					
Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms				
Overload	Line Mode	Load ≤110%: last 60min, ≤125%: last 10min, ≤150%: last 1min, ≥150% to bypass.			
	Bat. Mode	Load ≤110%: last 10min, ≤125%: last 1min, ≤150%: last 10S, ≥150% shut down UPS immediately			
	Bypass Mode	Breaker 20A	Breaker 32A	Breaker 40A	Breaker 63A
Alarm	overload, utility abnormal, UPS fault, battery low, etc.				
Protection	short circuit, overload, over temperature, battery low, fan fault alarm.				
Communication	USB, RS485, Parallel port, Coupler dry contact, Intelligent slot, SNMP card (optional), Relay card (optional)				
ENVIRONMENTAL					
Operating temperature	0°C ~ 40°C				
Storage temperature	-25°C ~ 55°C (no battery)				
Humidity range	0 ~ 95% (non condensing)				
Altitude	< 1500m. De-rating when >1500m				
Noise level	<55dB			<58dB	
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				
Standard Unit					
Model	Weight	Dimension(WxHxD)mm	Battery DC Voltage	Built-in Charger	Built-in Battery Quantity
YDC3310S	109/164kgs	250*868*828	+/-120Vdc	1.35A	20pcs 12V/9AH(Max. 40pcs)
YDC3315S	170kgs			2.70A	40pcs 12V/9AH
YDC3320S				4A	60pcs 12V/9AH
YDC3330S					
Long Backup Unit					
Model	Weight	Dimension(mm)	Battery DC Voltage	Built-in Charger	Built-in Battery Quantity
YDC3310H	57kgs	250*868*828	+/-96V / +/-108V / +/-120V	10A	N/A
YDC3315H	63kgs				
YDC3320H	62kgs				
YDC3330H	66kgs				
YDC3340H	73kgs				
Matching Battery Pack					
Model	Weight	Dimension(mm)	Built-in Battery Quantity		
YDC-BT80009	243kgs	250*868*828	80pcs 12V/9AH		

Specifications subject to change without prior notice.

