



The Megapower smallest footprint transformer-less parallel redundancy online UPS series, featured with smallest footprint cabinet, built-in batteries, DSP Control, Common Battery, Programmable battery voltage, 3-level intelligent charge mode with powerful battery charger, is an ideal budget-concerned solution to your server, bank, industrial equipment, internet data center, telecom, IT equipment and other mission-critical application.

Features

- Smallest Footprint Design
- DSP-controlled Technology
- Parallel Redundancy up to 4 units
- Wide Input Voltage and Frequency Windows
- Unity Power Factor and Low Input Distortion
- Output Power Factor at 0.9
- ECO Mode for Energy Saving
- Common Battery
- Programmable Battery Voltage from +/-96Vdc to +/-240Vdc
- Built-in Batteries makes UPS ready to Use
- Matching Battery Packs
- 3-level Intelligent Charge Modes with Smart Charge Current Adjustment
- Powerful Charger up to 20A
- Versatile Communication Interfaces Provided For different applications
- Superior Overload Capability
- Programmable Control and Monitoring Software via RS232 port
- Emergency Power Off
- DC Start

Megapower Smallest Footprint Parallel UPS YDC3300 Series

YDC3310S | YDC3310H | YDC3315S | YDC3315H
YDC3320S | YDC3320H | YDC3330S | YDC3330H
YDC3340H

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 (THD)	≤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.			Load ≤110%: last 60min, ≤125%: last 1min, >125% transfer to bypass.
	Bat. Mode	Load ≤110%: last 10min, ≤125%: last 1min, ≤150%: last 10s, ≥150% shut down UPS immediately			Load ≤110%: last 10min, ≤125%: last 1min, >125% 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℃~40℃				
Storage temperature	-25℃~55℃ (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	95kgs	250*868*828	+/-120Vdc **	1.35A	20pcs 12V/9AH(Max. 40pcs)
YDC3315S	147kgs			2.70A	40pcs 12V/9AH
YDC3320S	225kgs			4A	60pcs 12V/9AH
YDC3330S					

Long Backup Unit

Model	Weight	Dimension(mm)	Battery DC Voltage	Built-in Charger	Built-in Battery Quantity
YDC3310H	42kgs	250*868*828	+/-96V / +/-108V / +/-120V **	10A	N/A
YDC3315H	45kgs				
YDC3320H	45kgs			20A	
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.

 **For YDC3310S(H)~YDC3330S(H), with 16/18/20pcs batteries installed, the power factor will be 0.7/0.8/0.9 respectively.
 For YDC3340H: with 32/34/36/38/40pcs batteries installed, the power factor remains 0.9.

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