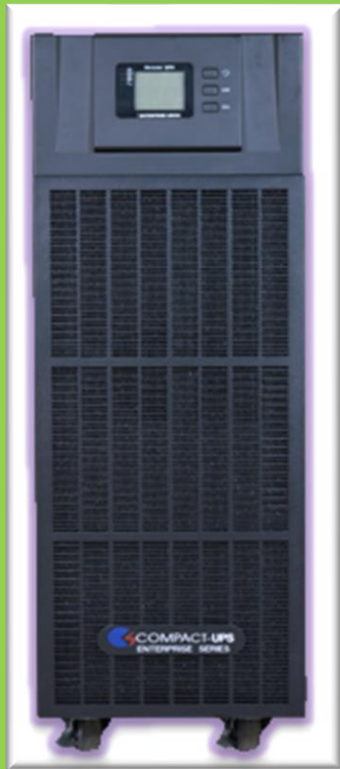


COMPACT ENTERPRISE YD 3300 Series

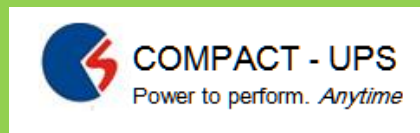
Vertical Modular Topology

10 – 80 KVA

3:3 Phase PF:0.9



More than 2 decades of Trusted Services



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SALES & SERVICE PARTNERS ACROSS THE COUNTRY

COMPACT ENTERPRISE YD SERIES – 3 PHASE range is built with IGBT converter that offers 0.99 input power factor correction and THDI (input current harmonics at less than 3%). Pure DSP (digital signal processing) made design ensures faster sampling and processing of various data related to voltage, current, frequency etc. – thus delivering better and accurate control of UPS output and delivering flawless and reliable performance. With an ultra-wide input window (208-478), you may actually never get to use the batteries but for a complete power outage.

YD offers pure RAS (reliability/availability/scalability) to take care of the ever increasing demands of data centres and server farms. Flexible DC bus configuration, Paralleling UPSs to accommodate expansion or to build redundancy, smaller foot print, remote monitoring and control through SNMP / MODBUS option/ EPO (emergency power off) to take care of abnormal situations and with very high MTBF (mean time between failures) has made many customers to opt for COMPACT YD SERIES for their mission critical applications that includes DATA CENTRES, SERVER FARMS, NOC, STORAGE and some mission critical medical equipment. Available from 10-80 KVA.

Features

<ul style="list-style-type: none"> Online-Double Conversion 	<ul style="list-style-type: none"> digital control technology 	<ul style="list-style-type: none"> Communication port : USB/RS485/Parallel port/dry contact
<ul style="list-style-type: none"> Output transfer time is 0 ms 	<ul style="list-style-type: none"> Charging/Rectifier/Inverter fully 	<ul style="list-style-type: none"> Options: SNMP card/Relay card
<ul style="list-style-type: none"> PFC Technology 	<ul style="list-style-type: none"> Optimization battery group, the 	<ul style="list-style-type: none"> LCD/LED double display
<ul style="list-style-type: none"> Full digital control (DSP) 	<ul style="list-style-type: none"> quantity of battery: 16/18/20 pieces (optional) 	<ul style="list-style-type: none"> Intelligent charging management
<ul style="list-style-type: none"> Output power factor:0.9 	<ul style="list-style-type: none"> Wide input voltage range: 208~478Vac 	<ul style="list-style-type: none"> EPO function
<ul style="list-style-type: none"> Input current harmonics :3% 	<ul style="list-style-type: none"> Wide input frequency range: 45~66Hz 	<ul style="list-style-type: none"> Common battery group
<ul style="list-style-type: none"> ECO function 	<ul style="list-style-type: none"> DC start 	<ul style="list-style-type: none"> The output can be meet 100% unbalanced load

Technical Specifications:

MODEL	YDC3310S/H	YDC3315S/H	YDC3320S/H	YDC3330S/H	YDC3340S/H	YDC3360S/H	YDC3380S/H
Capacity (VA/Watts)	10K / 9K	15K / 13.5K	20K / 18K	30K / 27K	40K / 36K	60K / 54K	80K / 72K
Input							
Normal Voltage	380/400/415VAC. (3Ph+N+PE)						
Operating Voltage Range	208-478Vac						
Operating Frequency Range	45-55Hz @ 50Hz / 54-66Hz @ 60Hz (auto sensing)					40-70Hz	
Power Factor	≥ 0.99						
By-pass Voltage Range	380 VAC Max Voltage + 25% (optional +10%, +15%, +20%)						
	400 VAC Max Voltage + 20% (optional +10%, +15%)						
	415 VAC Max Voltage + 15% (optional +10%)						
	Min Voltage -45% (optional -20%, -30%)						
By-pass Frequency Range	Frequency Synchronised Tracking Range +/- 10%						
ECO Range	Same as Bypass						
Harmonic Distortion (THDi)	≤3%(non-linear load)						
Output							
Output Voltage	380/400/415VAC (3Ph +N +PE)						
Power Factor	0.8/0.9						
Voltage Regulation	±1%						
Frequency Line Mode	± 1% / ± 2% / ± 4% / ± 5% / ±10% of the rated frequency (optional)						
Frequency Bat. Mode	50/60 (±0.1)Hz						
Crest Factor	3:1 (max)						
Harmonic Distortion (THDi)	≤2% with linear load						
	≤5% with non-linear load						
Efficiency	≤94.5%						
Battery							
Battery Voltage	192 V / 240V					384V/408V/432V/456 V	
Charge current	Max Current 10 AMPS					Max Current 30 AMPS	
System Features							
Transfer Time	Mains to Battery:0ms:Mains to Bypass: 0 ms						
Overload	Load ≤110%;60mn; ≤125%:last 10 min; ≤150%:last 1 min;>150% turn to bypass mode						
Short Circuit	Hold Whole System						
Communication Interface	USB, Parallel Port, Dry Contact, Intelligent Slot, SNMP Card (Optional), Relay Card (Optional)						
Environmental							
Operating Temperature	0 - 40 Degree C						
Storage Temperature	-25 to 55 Degree C						
Humidity Range	0 to 95% (Non Condensing)						
Noise Level	<58dB						
Physical							
Dimensions (H x W x D)mm	828 x 250 x 868				828 x 360 x 868		
Net Weight (Kg)	Less than 70 Kg				Less than 120 Kg		
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						

* Specifications are subject to change without prior Notice: