

Technical Specifications

MODEL	YDC 3310S/H		YDC 3315S/H		YDC 3320S/H		YDC 3330S/H	
CAPACITY (VA)	10K/9K		15K/13.5K		20K/18K		30K/27K	
INPUT								
NOMINAL VOLTAGE	380/400/415Vac (3Ph+N+PE)							
OPERATING VOLTAGE RANGE	208-478Vac							
OPERATING FREQUENCY RANGE	50Hz:45-55Hz;60Hz:54-66Hz(Auto sensing)							
POWER FACTOR	≥0.99							
BYPASS VOLTAGE RANGE	Max.voltage:220V+25%(optional +10%, +15%, +20%) 230V:+20%(optional +10%,+15%) 240V:+15%(optional +10%) Min. voltage: -45% (optional -20%,-30%)							
BYPASS FREQUENCY RANGE	Frequency protection range :+/-10%							
ECO RANGE	Same as bypass							
HAMONIC DISTORTION (THDi)	≤ 3% (100% non-linear load)							
OUTPUT								
OUTPUT VOLTAGE	380/400/415Vac(3Ph+N+PE)							
POWER FACTOR	0.9							
VOLTAGE REGULATION	± 1%							
FREQUENCY	Line Mode	1.Line Mode:+/-1%,+/-2%,+/-4%,+/-5%,+/-10% of the rated frequency (optional)						
	Bat. Mode	2.Battery Mode: (50/60+/-0.1%)Hz						
CURRENT FACTOR	3:1							
HAMONIC DISTORTION (THDv)	≤ 2% with linear load , ≤ 5% with non linear load							
EFFICIENCY	93.5%		94.5%					
BATTERY								
BATTERY VOLTAGE	Standard unit:+120Vdc(20pcs) Long run unit: +96Vdc/+108Vdc/ +120Vdc(16/18/20 pcs optional)		Standard unit:+120Vdc(20pcs x 2group) Long run unit: +96Vdc/+108Vdc/ +120Vdc(16/18/20 pcs optional)			Standard unit:+120Vdc(20pcs x 3group) Long run unit: +96Vdc/+108Vdc/ +120Vdc(16/18/20 pcs optional)		
CHARGE CURRENT	1.35/2.7/4.05A(10/15/20/30kVA);Long run unit Max.10A							
BACKUP TIME	Long run unit depends on the capacity of external batteries							
SYSTEM FEATURES								
TRANSFER TIME	Mains to battery :0ms; Main to bypass :0ms							
OVERLOAD	Load ≤110% : last 60min,≤125% : last 10min,≤150% : last 1min,≥150% turn to bypass mode							
SHORT CIRCUIT	Hold whole system							
COMMUNICATION INTERFACE	USB,RS232,RS485,Paralle port, Dry contact, Interlligent slot, SNMP card (optional), Relay card (optional)							
ENVIRONMENTAL								
OPERATING TEMPERATURE	0-40°C							
STORAGE TEMPERATURE	- 25-55°C							
HUMIDITY RANGE	0-95% (non condensing)							
ALTITUDE	<1500m							
NOISE LEVEL	<55dB		<58dB					
PHYSICAL								
DIMENSION D x W x H (mm)	828 x 250 x 868							
NET WEIGHT (Kg)	115/57		170/63		171/64		223/71	
STANDARDS								
SAFETY	IEC/EN62040-1,IEC/EN60950-1							
EMC	IEC/EN62040-2,IEC/EN61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8							
PRODUCT APPROVAL								
TIS	TIS 1291 NO 1-2553,NO 2-2553,NO 3-2555							
FACTORY APPROVAL								
ISO	ISO 9001:2008,14001:2004							

Specifications are subject to change without prior notice.



YDC SERIES

10KVA-30KVA

Product features

3 : 3 phase PF : 0.9

- Online-Double conversion
- Output transfer time is 0ms
- PFC technology
- Full digital control (DSP)
- Output power factor :0.9
- Input current harmonic: 3%
- ECO function
- Charging / Rectifier / Inverter fully digital control technology
- Optimization battery group,the quantity of battery: 16/18/20 pcs (optional)
- Wide input voltage range :208-478Vac
- Wide input frequency range :48-66Hz
- DC start
- Options : SNMP card/Relay card
- LED / LED double display
- Intelligent charging management
- EPO function
- Common battery group
- The output can meet 100% unbalanced load



พ.น.1291-เคม1-2553
พ.น.1291-เคม2-2553
พ.น.1291-เคม3-2555