

## Caratteristiche:

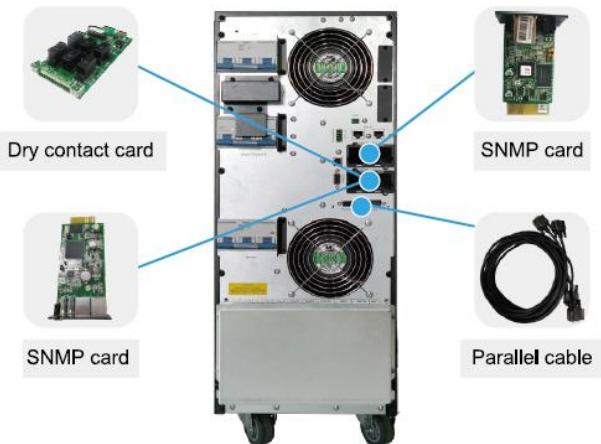
- Design ad alta densità di potenza
- Ridondanza parallela N+X, supporta un massimo di 4 unità in parallelo
- Conversione online a doppio isolamento con controllo DSP
- Armoniche di corrente in ingresso: <3%
- Ampio intervallo di tensione in ingresso: 208~478Vac
- Ampio intervallo di frequenza in ingresso: 40~70Hz
- Corrente di carica massima fino a 20A (regolabile)
- Doppia sorgente di ingresso (opzionale per l'unità standard)
- Display TFT LCD a colori da 2,4 pollici e display LCD da 7 pollici opzionali
- Interfaccia LCD versatile per interazione uomo-macchina
- Compatibile con generatori
- Modalità ECO per il risparmio energetico
- Regolazione intelligente della velocità delle ventole
- Autotest all'avvio dell'UPS
- Modalità convertitore di frequenza 50/60 Hz
- Cold Start
- L'uscita può gestire un carico completamente sbilanciato (100%)
- Funzioni di protezione multiple: cortocircuito, sovraccarico, surriscaldamento, sovraccarico e scarica eccessiva della batteria, bassa tensione in uscita e allarme guasto ventola
- Interfacce di comunicazione multiple: USB, RS232, RS485, porta parallela, contatto a secco, slot intelligente, scheda SNMP (opzionale), scheda contatti a secco (opzionale), sensore temperatura batteria (opzionale)



Battery cabinet  
(Optional)



Optimized battery configuration  
7Ah/9Ah (12V)



MODEL	YDC3310H	YDC3315H	YDC3320H	YDC3330H	YDC3340H				
Capacity (VA/W)	10k/10k	15k/15k	20k/20k	30k/30k	40k/40k				
<b>INPUT</b>									
Nominal Voltage (Vac)	380/400/415 (3Ph+N+PE)								
Operating Voltage Range (Vac)	305~478 (Full load); 208~478 (50% load)								
Power Factor	≥0.99								
Harmonic Distortion (THDi)	≤3% Linear load								
Bypass Voltage Range (Vac)	Max.voltage: 220: +25% (Optional +10%, +15%, +20%) 230: +20% (Optional +10%, +15%) 240: +15% (Optional +10%) Min.voltage: -45% (Optional -20%, -30%)								
Bypass Frequency Range (Hz)	50/60±10%								
<b>OUTPUT</b>									
Nominal Voltage (Vac)	380/400/415 (3Ph+N+PE)								
Voltage Regulation	±1%								
Output Frequency (Hz)	Line mode: ±1%/±2%/±4%/±5%/±10% of the rated frequency (Optional); Bat. mode: 50/60 (±0.1%)								
Crest Factor	3:1								
Harmonic Distortion (THDv)	≤2% Linear load; ≤5% Non linear load								
Overload	AC mode	≤110% 60min, ≤125% 10min, ≤150% 1min, >150% immediately turn to bypass							
	Bat.mode	≤110% 10min, ≤125% 1min, ≤150% 5s, >150% immediately shut down							
<b>EFFICIENCY</b>									
AC Mode	Up to 93.5%	Up to 94.5%		Up to 95.2%					
ECO Mode	Up to 98.0%	Up to 98.2%		Up to 98.6%					
<b>BATTERY</b>									
Battery Type	VRLA (Lead acid maintenance free battery)								
Battery Voltage (Vdc)	10~30kVA: ±96/108/120; battery quantity (16~20pcs, 16pcs default, 20pcs no power derating; 18pcs output power factor 0.8/0.9; 16pcs output power factor 0.7/0.8)								
	±180~300 (30~50pcs)								
Charging Current (Max.)(A)	14	16	18	20	20				
<b>ENVIRONMENTAL</b>									
Operating Temperature (°C)	0~40								
Storage Temperature (°C)	-25~55 (No battery)								
Humidity Range	0~95% (Non condensing)								
Altitude (m)	<1000, derating required when>1000								
Noise Level (dB)	<55		<58	<61	<64				
<b>PHYSICAL</b>									
Dimension WxDxH (mm)	250×580×655								
Weight(kg)	35	39	40	43	46				
<b>STANDARDS</b>									
Safety	IEC/EN 62040-1, IEC/EN 62477-1								
EMC	IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, IEC 61000-2-2)								

MODEL	YDC3350S	YDC3360S	YDC3380S
Capacity (VA/W)	50k/50k	60k/60k	80k/80k
<b>INPUT</b>			
Nominal Voltage (Vac)	380/400/415 (3Ph+N+PE)		
Operating Voltage Range (Vac)	138~305 for 40% load; 305~485 for 100% load		
Power Factor	≥0.99		
Harmonic Distortion (THDi)	≤3% Linear load		
Bypass Voltage Range (Vac)	Max.voltage: 220: +25% (Optional +10%, +15%, +20%) 230: +20% (Optional +10%, +15%) 240: +15% (Optional +10%) Min.voltage: -45% (Optional -20%, -30%)		
Bypass Frequency Range (Hz)	50/60±10%		
<b>OUTPUT</b>			
Nominal Voltage (Vac)	380/400/415 (3Ph+N+PE)		
Voltage Regulation	±1%		
Output Frequency (Hz)	Line mode: Synchronize with input, when the input frequency >±10% (±1%/±2%/±4%/±5% optional), output 50/60 (±0.1); Bat. mode: (50/60±0.2%)		
Crest Factor	3:1		
Harmonic Distortion (THDv)	≤2% Linear load; ≤4% with non linear load		
Overload	Inverter mode		
	Bypass mode		
<b>EFFICIENCY</b>			
AC Mode	Up to 95.5%		
ECO Mode	Up to 99%		
<b>BATTERY</b>			
Battery Type	≤110% 60min, ≤125% 10min, ≤150% 1min, >150% immediately shut down inverter		
Battery Voltage (Vdc)	30°C: ±240 (6x40pcs 9Ah/12V) 100%: 125% for long term; >1000%, 100ms		
Charge Current (Max.)	20		40
<b>ENVIRONMENTAL</b>			
Operating Temperature (°C)	0~40		
Storage Temperature (°C)			
Humidity Range			
Altitude (m)			
Noise Level (dB)	<58	<60	<62
<b>PHYSICAL</b>			
Dimension WxDxH (mm)	600×1000×2000		
Weight (kg)	740	950	-25~55 (No battery) 1000
<b>STANDARDS</b>			
Safety	IEC/EN 62040-1, IEC/EN 62477-1, IEC 61000-4-22, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11		
EMC			

