

EXIT

YDC3300 SERIES

10~30kVA

3:3 phase PF:0.9



Control Panel

Features

- 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 pieces (optional)
- Wide input voltage range: 208~478Vac
- Wide input frequency range: 45~66Hz
- DC start
- Communication port: USB/RS232/RS485/ Parallel port/ dry contact
- Options: SNMP card/Relay card
- LCD/LED double display
- Intelligent charging management
- EPO function
- Common battery group
- The output can be meet 100% unbalanced load

Technical Specifications:

| MODEL | YDC3310S/H | YDC3315S/H | YDC3320S/H | YDC3330S/H |
|----------------------------|---|---|--|------------|
| Capacity (VA/Watts) | 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% | | | |
| Harmonic 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%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated frequency(optional) | | |
| | Bat. Mode | 50/60(± 0.1)Hz | | |
| Crest factor | 3:1 | | | |
| Harmonic distortion (THDv) | ≤ 2% with linear load ≤ 5% with non-linear load | | | |
| Efficiency | 93.5% | 94.5% | | |
| BATTERY | | | | |
| Battery voltage | Standard unit: ± 120Vdc(20 pcs) Long run unit: ± 96Vdc/ ± 108Vdc/ ± 120Vdc(16/18/20 pcs optional) | Standard unit: ± 120Vdc(20 pcs × 2group) Long run unit: ± 96Vdc/ ± 108Vdc/ ± 120Vdc(16/18/20 pcs optional); | Standard unit: ± 120Vdc(20pcs × 3group) Long run unit Optional Voltage: ± 96Vdc/ ± 108Vdc/ ± 120Vdc (16/18/20 pcs optional) | |
| Backup time | Long run unit depends on the capacity of external batteries. | | | |
| Charge current | 1.35/2.7/4.05A(10/15/20/30kVA);Long run unit Max.10A | | | |
| SYSTEM FEATURES | | | | |
| Transfer time | Mains to Battery:0ms; Mains to Bypass:0ms | | | |
| Overload | Load≤ 110%:60min; ≤ 125%:last 10min; ≤ 150%:last 1min;>150% turn to bypass mode | | | |
| Short circuit | Hold Whole System | | | |
| Communication interface | USB,RS232,RS485,Parallel port, Dry contact, Intelligent slot, SNMP card (optional), Relay card (optional) | | | |
| ENVIRONMENTAL | | | | |
| Operating temperature | 0°C ~ 40°C | | | |
| Storage temperature | -25°C ~ 55°C | | | |
| Humidity range | 0 ~ 95% (non-condensing) | | | |
| Altitude | < 1500m | | | |
| Noise level | <55dB | <58dB | | |
| PHYSICAL | | | | |
| Dimension D × W × H (mm) | 828 × 250 × 868 | | | |
| Net weight (kg) | 115 / 57 | 170 / 63 | 171 / 64 | 223 / 71 |
| 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.