

DATA POWER

10KVA - 40KVA

Three Phase :Three phase

Highlights

- High power density design
- N+X parallel redundancy, support maximum 4 units in parallel
- Online double conversion with DSP control
- Input current harmonic: <3%
- Wide input voltage range: 208-478Vac
- Wide input frequency range 40-70Hz
- Optimization battery group, the quantity of battery
13-30kVA: 16/18/20pcs(30-50pcs supportable)
40kVA:30-50pcs
- Maximum charging current up to 20A (Setable)
- Dual input source (Optional for standard unit)
- Colorful 7inch LCD touchscreen display
- Versatile LCD human-computer interface
- Generator compatible
- ECO mode operation for energy saving
- Intelligent fan speed regulation
- Self-testing when UPS startup
50/60Hz frequency converter mode
- Cold start
- The output can meet 100% unbalanced load
- Multiple protection function: short-circuit, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
- Multiple communication interface: USB, RS232, RS485, Parallel port, Dry contact, Intelligent slot, SNMP card (Optional), Relay card (Optional),
Battery temperature sensor (Optional)



TELECOM-
MUNICOMATIONS
DEVICES



LOCAL AREA
NETWORKS
(LAN)



E-BUSINESS
(Servers Farms,
ISP/ASP/POP)



SERVERS



CASH
REGISTERS

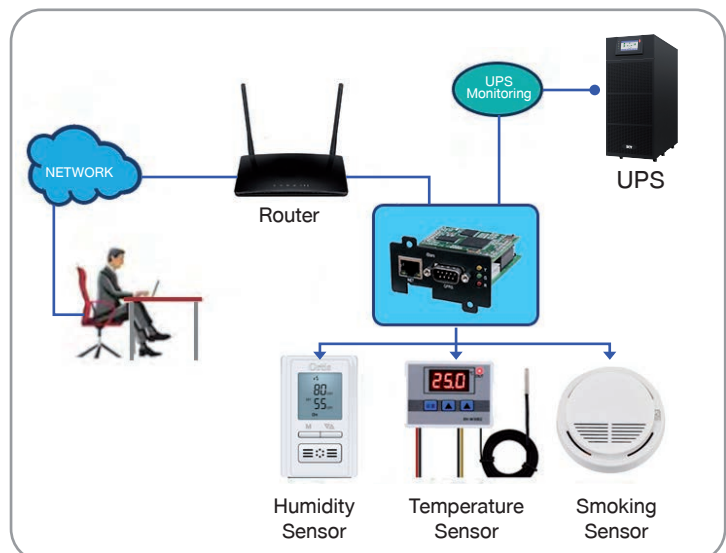


EMERGENCY
SECURITY



TIS.1291 Part 1-2553
TIS.1291 Part 2-2553
TIS.1291 Part 3-2555

Intelligent SNMP Monitoring





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MUNICATIONS
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Specifications:

Model	YDC3310S/H	YDC3315S/H	YDC3320S/H	YDC3330S/H	YDC3340S/H
Capacity(kVA/kW)	10/9	15/13.5	18/20	30/27	40/36
Capacity(kVA/kW)(option)	10/10	20/20	20/20	30/30	40/40

INPUT

Nominal voltage	380/400/415Vac, (3Ph+N+PE)
Operating voltage range	305~478Vac (Full load); 208~478Vac (50% load)
Operating frequency range	40~70Hz (50/60Hz Auto-Sensing)
Power factor	≥0.99
Harmonic distortion (THDi)	≤3% (100% non-Linear load)
Bypass voltage range	Max.voltage: 220Vac +25%(optional +10%,+15%,+20%) 230Vac +20%(optional +10%,+15%) 240Vac +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 or 1.0 (optional)
Output frequency	1.Line Mode: synchronize with input; when input frequency > ± 10% (± 1%/ ±2%/ ±4%/ ±5% optional), output (50/60±0.1)Hz. 2.Battery Mode:(50/60 ±0.1)Hz
Crest factor	3:1
Harmonic distortion (THDV)	≤2% with linear load; ≤5% with non linear load;
Efficiency	up to 93.5% up to 94.5%

BATTERY

Battery voltage	Standard	±120Vdc (20pcs 9Ah) (20pcs 7Ah, 2x20pcs 7/9Ah, 3 x 20pcs 7/9Ah optional)	±120Vdc (2 x 20pcs 9Ah) (2 x 20pcs 7Ah, 3 x 20pcs 7/9Ah Optional)	±120Vdc (3 x 20pcs 9Ah) (3 x 20pcs 7Ah Optional)	±180Vdc (2 x 30pcs 9Ah) (3 x 20pcs 7Ah Optional)
	Long run	10-30kVA: ±96/±108/±120Vdc; battery quantity (16-20pcs default, Standard unit and 20pcs no power derating; 18pcs output power factor 0.8/0.9;16pcs ouput power factor 0.7/0.8) 40kVA: ±180/±192/±204/±216/±228/±240/±252/±264/±276/±288/±300Vdc(30/32/34/36/38/40/42/44/46/48/50pcs			
Charge current(A)	Standard	1.35A (2.7A Optional)	2.7A	4.05A	2.7A
	Long run	14A (Max.)	16A (Max.)	18A (Max.)	20A (Max.)

SYSTEM FEATURES

Transfer time		Utility to Battery : 0ms; Utility to bypass: 0ms
Overload	INV Mode	≤110% for 60 min; ≤125% for 10 min; >150% immediately turn to bypass
	Bypass Mode	≤110% for 10 min; ≤125% for 1 min; ≤150% immediately shutdown

ENVIRONMENTAL

Operating temperature	0°C ~ 40°C
Storage temperature	25°C ~ 55°C(no battery)
Humidity range	0~95% (non condensing)
Altitude	< 1500m.When>1500m
Noise level	<55db <58db <61db <64db

PHYSICAL

Dimension	Standard	250x900x868
W x D x H (mm)	Long run	250x580x655
Net weight (kg)	Standard	129 186 187 236 239
	Long run	35 39 40 43 46

STANDARDS

Safety	IEC/EN62040-1,IEC/EN62477-1
EMC	IEC/EN62040-2 (IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,EC61000-4-6,IEC61000-4-8,IEC61000-4-11,IEC61000-2-2)



TIS.1291 Part 1-2553
TIS.1291 Part 2-2553
TIS.1291 Part 3-2555

- All specification subject to change without notice.
- Custom-made specification are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, OHSAS 18001, CE, STANDARD

Your choice of power protection