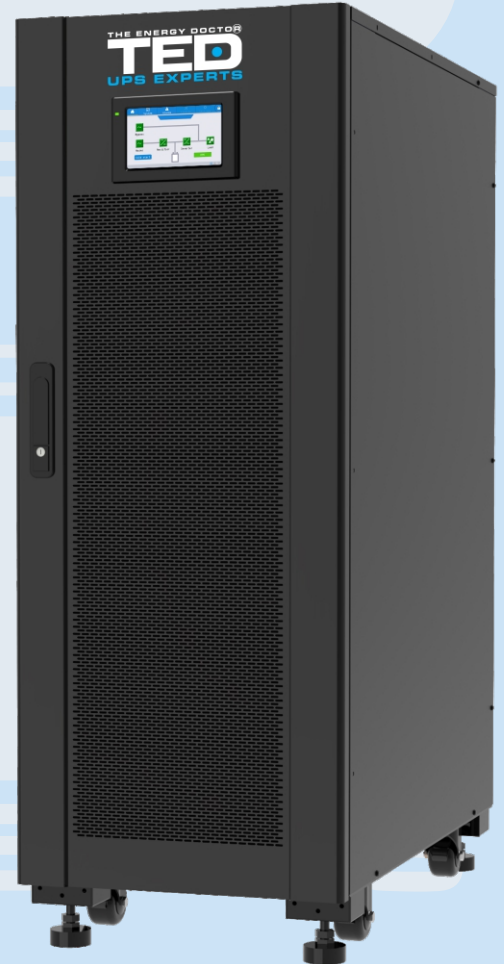


UPS ONLINE THREE-PHASE 40kVA 3/3

Highlights

- Pure sine wave output, Zero transfer time
- High frequency on-line double conversion technology
- 3-Level technology and dual-core DSP control technology
- Output power factor 1.0
- High efficiency 96% (up to 99% ECO mode)
- Wide input voltage range
- Active factor power correction up to 0.99 (APFC)
- Intelligent battery management, automatic floating / equalizing charge control, charger dormancy control, increasing battery life by 50%
- New coating technology for internal components permit UPS operate in harsh environment for long time
- Fan speed varies with temperature, reducing noise and extending its service life
- 5 inches LCD color display, touch screen
- High protection for: overvoltage, undervoltage, overload, over-temperature, battery low voltage and fan failure
- Compact internal layout provide minimal footprint



Functions

- Advanced multi-platform communications: RS232, USB, RS485, SMTP, Wi-Fi card, GPRS card
- Independent bypass, dual input design
- Improved digital parallel technology (up to 4 UPS modules)
- Adjustable battery configuration
- Digital charging control, charging voltage and current configured by demand
- High efficient software and hardware protection function, complete self-diagnostic functions and abundant logs for check

UPS ONLINE THREE-PHASE 40kVA 3/3

Specifications

| | |
|--|--|
| Model | TED004277 |
| Power | 40kVA / 40kW |
| Input | |
| Rated voltage | 400Vac (3Ø + N +PE) |
| Voltage range | 300V ÷ 490V |
| Rated frequency | 50 / 60 Hz |
| Frequency Range | 40Hz ÷ 70Hz |
| Power factor | ≥ 0.99 |
| Total harmonic distortion (THDi) | < 3% |
| Output | |
| Rated voltage | 400Vac (3Ø + N +PE) |
| Frequency Range | 50 / 60 Hz |
| Transfer Time | 0 ms |
| Waveform / Power factor | Pure Sine Wave / 1 |
| Efficiency | ≥ 96% at 100% load, ≥ 99% in ECO mode |
| Overload | 100% ~ 110% - 60 min., 110% ~ 130% - 10 min., 130% ~ 150% - 1 min. |
| Total harmonic distortion (THDi) | ≤ 1% (linear load); ≤ 3% (non-linear load) |
| Battery | |
| Battery Type | 12V 9Ah |
| Battery configuration | 80 pcs 12V 9Ah |
| Charging current | 12A |
| Protection | |
| Full Protection | Protect surge, overload, overtemperature, excessive low battery, overvoltage, undervoltage, fan failure, short circuit |
| Physical | |
| Output Receptacles | Terminal block |
| Product dimensions D x W x H (mm) | 360 x 850 x 885 |
| Packed dimensions D x W x H (mm) | 450 x 940 x 1055 |
| Net Weight with 80 batteries (kg) | 290 |
| Gross Weight with batteries (kg) | 310 |
| Operating Environment | |
| Operating Humidity | 0 - 95% |
| Operating Temperature | -25°C ~ +40°C |
| Noise level | 65 dB Max. |
| Management | |
| Interface connections (standard) | Standard: RS232, RS485, USB, RS485, battery cold start |
| Optional Interface connections | Programable dry contact, SNMP, parallel kit |