

UPS Online
Kaise Monofásica 1 - 3 kVA



CARACTERÍSTICAS

- Tecnología de doble conversión en línea de alta frecuencia
- Tecnología de control DSP (procesadores de señal digital)
- Corrección activa del factor de potencia (APFC), factor de potencia de entrada de hasta 0.99
- Factor de potencia de salida 0.9
- Amplio rango de voltaje de entrada (110V ~ 300 Vac) y rango de frecuencia (40~70Hz)
- Frecuencia de detección automática
- Conversión de frecuencia 50 / 60Hz
- Inicio en frío
- Diseño de ventilación trasera y ventilador de velocidad variable
- Protección efectiva de software y hardware
- Carga rápida y estable, 90% de capacidad restaurada en 4 h (UPS modelo estándar)

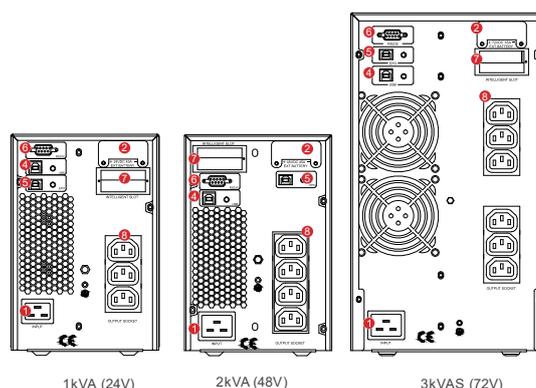
- Reducción lineal en la entrada de bajo voltaje que reduce los tiempos de descarga de la batería
- Inicio diferido configurable cuando se restablece la energía
- Gestión avanzada de baterías (ABM)
- Múltiples funciones configurables a través de LCD: voltaje de salida, EOD, inicio automático, modo bypass, modo ECO y modo de conversión de frecuencia
- Comunicaciones multiplataforma: RS232 (estándar), USB / RS485 / SNMP / contactos secos (opcional)

Opciones Disponibles

- USB opcional, tarjeta RS485, contactos secos AS400, tarjeta SNMP, alarmas SMS, función EPO, cargador 12A (solo 2-3KVA) y transformador de aislamiento incorporado

PANEL TRASERO

- | | |
|--------------------------------|-------------------------|
| 1- AC input | 6- RS232 |
| 2- Conector batería (opcional) | 7- Slot inteligente |
| 3- Ventiladores | 8- Conectores de salida |
| 4- USB (opcional) | |
| 5- EPO (opcional) | |



ESPECIFICACIONES TÉCNICAS

| MODEL | KUET01WB | KUET01LB | KUET02WB | KUET02LB | KUET03WB | KUET03LB | | | |
|----------------------------------|--|-----------------|----------------------|-----------------|----------------------|-----------------|-----------------|----------|-----------------|
| Capacity | 1 kVA / 900 W | | 2 kVA / 1800 W | | 3 kVA / 2700 W | | | | |
| INPUT | | | | | | | | | |
| Rated voltage | 208 / 220 / 230 / 240 Vac | | | | | | | | |
| Voltage range | 110 ~ 176 Vac (linear derating between 50% and 100% load); 176 ~ 280 Vac (no derating); 280 ~ 300 Vac (derating 50%) | | | | | | | | |
| Frequency | 40 ~ 70 Hz (auto-sensing) | | | | | | | | |
| Power factor | ≥ 0.99 | | | | | | | | |
| Bypass voltage range | - 25% ~ +15% (settable) | | | | | | | | |
| Total harmonic distortion (THDi) | ≤ 6% | | | | | | | | |
| OUTPUT | | | | | | | | | |
| Voltage | 208 / 220 / 230 / 240 Vac (settable via LCD) | | | | | | | | |
| Voltage regulation | ±1% | | | | | | | | |
| Frequency | 45 ~ 55 Hz or 55 ~ 65 Hz (synchronized range); 50 / 60 Hz±0.1 Hz (battery mode) | | | | | | | | |
| Waveform | Sinusoidal | | | | | | | | |
| Power factor | 0.9 | | | | | | | | |
| Total harmonic distortion (THDv) | ≤ 2% (linear load), ≤ 5% (non-linear load) | | | | | | | | |
| Crest factor | 3:1 | | | | | | | | |
| Overload | 105% ~ 125% for 1 min, 125% ~ 150% for 30 s, > 150% for 300 ms | | | | | | | | |
| BATTERIES | | | | | | | | | |
| DC voltage | 24 V (S) | 36 V (S) | 36 V (H) | 48 V (S) | 72 V (S) | 72 V (H) | 72 V (S) | 96 V (S) | 96 V (H) |
| Inbuilt battery | 2×9 Ah | 3×7 Ah | / | 4×9 Ah | 6×7 Ah | / | 6×9 Ah | 8×7 Ah | / |
| Charging current (max.) | 1 A | | 6 A | 1 A | | 6 A | 1 A | | 6 A |
| Recharge time | Standard model: 90% capacity restored in 3 hours; Long time model: depend on the capacity of battery | | | | | | | | |
| SYSTEM | | | | | | | | | |
| Efficiency | ≥ 90% (Mains mode) | | ≥ 91% (Mains mode) | | ≥ 92% (Mains mode) | | | | |
| | ≥ 85% (Battery mode) | | ≥ 86% (Battery mode) | | ≥ 87% (Battery mode) | | | | |
| | ≥ 95% (ECO mode) | | ≥ 96% (ECO mode) | | ≥ 97% (ECO mode) | | | | |
| Transfer time | Mains mode to battery mode: 0 ms Inverter mode to bypass mode: 4 ms (typical) | | | | | | | | |
| Protections | Short-circuit, overload, overtemperature, battery discharge protection and fan testing protection | | | | | | | | |
| Communications | RS232 (standard), USB / RS485 / dry contacts / SNMP (optional) | | | | | | | | |
| Display | LCD + LED | | | | | | | | |
| Standards | EN 62040-1, EN 62040-2, EN 61000-3-2, EN 61000-3-3, 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, IEC 62040-2, IEC 62040-1, IEC 62040-3 | | | | | | | | |
| OTHERS | | | | | | | | | |
| Operating temperature | 0°C ~ 40°C | | | | | | | | |
| Storage temperature | -25°C ~ 55°C (without batteries) | | | | | | | | |
| Relative Humidity | 0 ~ 95% (non-condensing) | | | | | | | | |
| Altitude | ≤ 1000 m, derating 1% for each additional 100 m | | | | | | | | |
| IP rating | IP 20 | | | | | | | | |
| Noise level at 1m | ≤ 50 dB | | | | | | | | |
| Dimensions (W×D×H) (mm) | 144 x 312 x 216 | 144 x 317 x 216 | 144 x 336 x 216 | 144 x 417 x 216 | 191 x 419 x 335 | 191 x 418 x 335 | 191 x 419 x 335 | | 191 x 418 x 335 |
| Packaged dimensions (W×D×H) (mm) | 230 x 402 x 315 | 230 x 460 x 315 | 232 x 417 x 318 | 230 x 506 x 315 | 277 x 500 x 435 | 318 x 533 x 471 | 277 x 500 x 435 | | 277 x 500 x 435 |
| Net weight (kg) | 11 | 12.8 | 6 | 16.4 | 23.1 | 10.5 | 24.3 | 29.4 | 11 |
| Gross weight (kg) | 11.3 | 14 | 7 | 17.8 | 24.7 | 12 | 25.9 | 31.1 | 12.5 |

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208 Vac.
- S means standard model, H means long time model.
- All specifications are subject to change without notice.
- Custom-made specifications are acceptable.