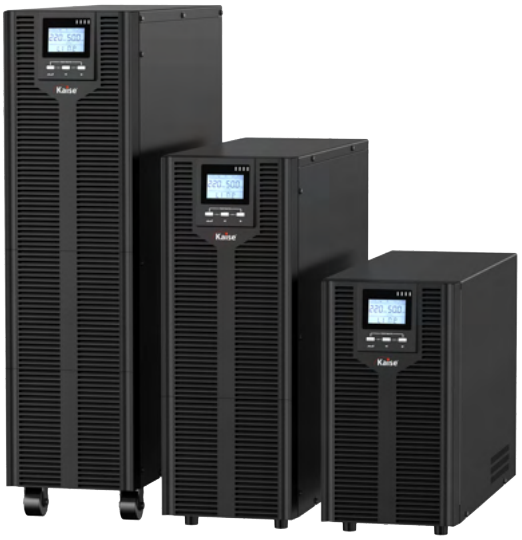
UPS Online Trifásica-Monofásica 10-20kVA
MODELO . CARACTERÍSTICAS . ESPECIFICACIONES TÉCNICAS

Kaise®

UPS
Online Trifásica-Monofásica
10-20kVA

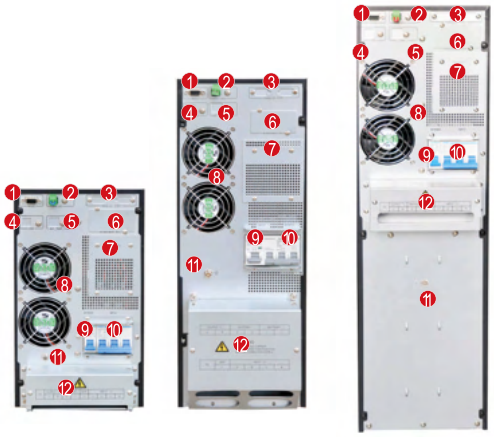


CARACTERÍSTICAS

- Tecnología DSP avanzada de 3 niveles
- Factor de potencia de salida 1.0
- Corrección de factor de potencia activo (APFC)
- Alta eficiencia de 95% (Hasta 98% en modo ECO)
- Amplio rango de tensión de entrada (190~499Vac)
- Amplio rango de frecuencia de entrada (40~70Hz)
- 50/60 Hz autodetectable
- Diseño con entrada dual, con soporte bypass independiente
- Configuración flexible de baterías (16 a 20 unidades)
- Control digital del cargador de baterías
- Gestión inteligente de las baterías para extender la vida útil
- Partida en frío
- Control automático de la velocidad de los ventiladores de acuerdo a la variación de la temperatura
- Display LCD + Luces LED, interfaz amigable Hombre-Máquina
- Inicio rápido tras el retorno de la red AC para disminuir el impacto a la red
- Múltiples interfaces de comunicación: RS232, USB. RS485, SNMP y Contactos secos (Opcionales)
- Apagado de emergencia opcional (EPO)
- Software potenciado para configuración de parámetros
- Tecnología avanzada de conexión en paralelo

PANEL TRASERO

1- RS232
2- EPO
3- Puerto Paralelo (Opc)
4- USB (Opc)
5- Sensor Temp (Opc)
6- Slot Inteligente
7- Reservado: Para Bypass Manual
8- Ventiladores
9- Breaker Bypass
10- Breaker Entrada
11- GND
12- Cubierta y terminales conexión



10 kVA (LB) 15/20 kVA (LB) 10 kVA (S)

ESPECIFICACIONES TÉCNICAS

MODEL	KUE31T10NB	KUE31T15NB	KUE31T20NB
Capacity	10kVA/10kW	15kVA/15kW	20kVA/20kW
INPUT			
Input wiring	Three-phase five-wire (3Φ + N + PE)		
Rated voltage	380 / 400 / 415 Vac		
Voltage range	190 ~ 305 Vac (linear derating between 50% and 100% load); 305 ~ 499 Vac (no derating)		
Rated frequency	50 / 60 Hz (auto-sensing)		
Frequency range	40 ~ 70 Hz		
Power factor	≥ 0.99		
Bypass voltage range	- 40% ~ +15% (settable)		
Total harmonic distortion (THDi)	≤ 5%		
OUTPUT			
Output wiring	Single-phase three-wire (1Φ + N + PE)		
Rated voltage	208 (PF=0.9) / 220 / 230 / 240 Vac		
Voltage regulation	± 1%		
Frequency	Synchronized to bypass in mains mode; 50 / 60 Hz ± 0.1% Hz in battery mode		
Waveform	Sinusoidal		
Power factor	1		
Total harmonic distortion (THDv)	≤ 1% (linear load); ≤ 3% (non-linear load)		
Crest factor	3:1		
Overload	105% ~ 110% for 10 min, 110% ~ 125% for 1 min,126% ~ 150% for 30 s		
BATTERIES			
DC voltage	192 Vdc (192 ~ 240 Vdc settable)		
Number of battery	16 pcs (16 ~ 20 settable)		
Inbuilt battery (standard model)	12 V / 9 Ah×16	/	/
Charging current	Standard model: 1 A; Long time model: 5 A (default),1 ~ 5 A settable; 10 A (optional, PF0.9)		
Recharge time	Standard model: 90% capacity restored in 8 hours; Long time model: depend on the capacity of battery		
SYSTEM			
Efficiency	≥ 94% at 100% load, max. 95% at 60% load, ≥ 98% in ECO mode		
Transfer time	0 ms		
Protections	Short-circuit, overload, overtemperature, battery low voltage, overvoltage, undervoltage and fan failure		
Max. number of parallel connections	4		
Communications	RS232 (standard), USB / RS485 / dry contacts / SNMP / battery temperature compensation (optional)		
Display	LCD + LED		
OTHERS			
Operating temperature	0°C ~ 40°C		
Storage temperature	-25°C ~ 55°C (without battery)		
Relative humidity	0 ~ 95% (non-condensing)		
Altitude	≤ 1000 m, derating 1% for each additional 100 m		
IP rating	IP 20		
Noise level at 1 m	≤ 58 dB		
Dimensions (W × D × H) (mm)	191 × 495 × 711 (S) 191 × 495 × 350 (LB)	191 × 495 × 515 (LB)	
Packaged dimensions (W × D × H) (mm)	310 × 685 × 941 (S) 318 × 617 × 475 (LB)	285 × 593 × 618 (LB)	
Net weight (kg)	64 (S), 18.5 (LB)	26.5 (LB)	
Gross weight (kg)	72 (S), 20 (LB)	28 (LB)	

- S means standard model; H means long time model.
- All specifications are subject to change without notice.