



UPS ONLINE TRIFÁSICO 10-30KVA



Opcional: Pantalla táctil a color de 5"

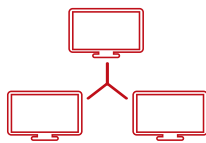
CARACTERÍSTICAS

- Tecnología de control digital DSP
- Factor de potencia de salida 0.9
- Amplio rango de voltaje de entrada (190V - 485V)
- Eficiencia laboral de hasta el 98% en modo ECO
- Modo de conversión de frecuencia de 50 Hz / 60Hz
- Inicio en frío
- Diseño interno compacto, miniaturiza la unidad
- completa para un tamaño reducido
- Entrada dual
- Frecuencia de detección automática
- Encendido / apagado automático de acuerdo con la capacidad de carga establecida por los usuarios

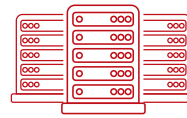
APLICACIONES



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ESPECIFICACIONES TÉCNICAS

MODEL	KAISE 10KVA	KAISE 15KVA	KAISE 20KVA	KAISE 30KVA
Capacity	10 kVA / 9 kW	15 kVA / 13.5 kW	20 kVA / 18 kW	30 kVA / 27 kW
INPUT				
Rated voltage	360 / 380 / 400 / 415 Vac			
Voltage range	277 ~ 485 Vac (no derating); 190 ~ 277 Vac (linear derating between 50% and 100% load)			
Rated frequency	50 / 60 Hz (auto-sense)			
Frequency range	40 ~ 70 Hz			
Power factor	≥ 0.99			
Bypass voltage range	- 40% ~ + 15% (settable)			
Total harmonic distortion (THDi)	≤ 5%			
OUTPUT				
Rated Voltage	360 / 380 / 400 / 415 Vac (settable)			
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 (Inverter)	102% ~ 125% for 10 min, 125% ~ 150% for 1 min, > 150% for 0.5 s			
Overload (Bypass)	102% ~ 125% for 20 min, 125% ~ 150% for 2 min, > 150% for 1 s			
BATTERIES				
DC voltage	Standard model: 240 Vdc; Long time model: 192 Vdc (168 / 192 / 216 / 240V optional)			
Inbuilt battery of standard model	20 × 7 Ah	40 × 7 Ah	40 × 9 Ah	60 × 9 Ah
Charging current	Long time model: 7 A supplied (additional 7 A is optional) Standard model: 1 A, 2 A, 3.5 A settable			
Recharge time	Standard model: 90% capacity restored in 4 hours; Long time model: depend on the capacity of battery			
SYSTEM				
Efficiency	≥ 93%, ECO mode 98%			
Transfer time	0 ms			
Max. number of parallel connections	6			
Protections	Short-circuit, overload, overtemperature, battery low voltage, overvoltage, undervoltage and fan failure			
Communications	RS232 / USB (standard), RS485 / dry contacts / SNMP (optional)			
Display	LCD+LED			
Standards	EN 62040-1, EN 62040-2, EN 61000-3-12, EN 61000-3-2, EN 61000-3-11, 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			
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 1 m	≤ 60 dB	≤ 65 dB		
Online thermal dissipation	3504 BTU/hr	5773 BTU/hr	8281 BTU/hr	9929 BTU/hr
Dimensions (W × D × H) (mm)	350 × 655 × 732 (H)			
	350 × 785 × 858 (S)	350 × 785 × 1078 (S)		
Packaged dimensions (W × D × H) (mm)	472 × 780 × 920 (H)			
	472 × 910 × 1050 (S)	472 × 910 × 1260 (S)		
Net weight (kg)	55 (H), 115 (S)	60 (H), 155 (S)	61 (H), 175 (S)	65 (H), 235 (S)
Gross weight (kg)	65 (H), 125 (S)	70 (H), 170 (S)	71 (H), 190 (S)	75 (H), 250 (S)

- Derate capacity to 90% when the output voltage is adjusted to 360 Vac.
- S means standard model, H means long time model.

- All specifications subject are to change without notice.
- Custom-made specifications are acceptable.