

UPS STAND ALONE 80KVA - 200KVA



Application

- Application
- IDC data exchange room
- ISP, computer room
- Bank/bond clearing center
- Industrial process control applications
- Precision instruments and equipment

Features

- High frequency on-line double conversion technology
- Advanced dual-core DSP control technology and 3-level technology
- Active Power Factor Correction Technology, input power factor up to 0.99
- System efficiency improved to 96%, energy saving rate is doubled
- Output power factor 1.0
- Dual input design, supporting independent bypass
- Advanced digital and parallel technology, providing higher reliability than single system
- Wide input voltage range
- 50 Hz / 60 Hz auto-sensing frequency
- 50 Hz / 60 Hz frequency conversion mode
- Working efficiency up to 98.5% in ECO mode
- Fan speed varies intelligently with load, reducing noise and extending its service life
- Conformal coating technology to make UPS operate in harsh environments for a long time
- Flexible battery configuration setting, selectable battery number: 32~40 pcs
- Digitally controlled charger (Max. 60 A)
- Ability to switch on the UPS by battery in the absence of mains power (Cold start)
- Zero switching time for UPS power supply mode when the mains power is unstable, ensuring the output is uninterrupted
- Selectable size LCD colorful touch screen (5 inches and 7 inches), friendly human & machine interface
- Powerful background software for parameters configuration and online upgrade
- Advanced multi-platform communication for UPS monitoring: RS232, USB, RS485, dry contacts, SNMP card, Wi-Fi card and GPRS card
- Linear derating in low voltage input, reducing battery discharging times, extending the service life of the battery
- Intelligent battery management, automatic equalized and float charging control, charger dormancy control, improving the reliability of charger and extending the battery life.
- Effective hardware and software protection, robust self-diagnosis function, abundant event log for future check
- Standard RS232, USB, RS485, EPO, dry contacts, parallel port
- Optional SNMP card, Wi-Fi card, GPRS card and SMS alarms
- Automatic dust removal function, reduce the risk of PCB corrosion

MODEL	KUE 3T80	KUE 3T100	KUE 3T120	KUE 3T160	KUE 3T200
Capacidad	80kVA / 80kW	100kVA / 100kW	120kVA / 120kW	160kVA / 160kW	200kVA / 200kW
INPUT					
Rated voltage	380 / 400 / 415 Vac (3Φ + N + PE)				
Voltage range	304~478Vac, full load 228V~304Vac (L-L), load decrease linearly according to the min phase voltage				
Rated frequency	50 / 60 Hz				
Frequency range	40 ~ 70 Hz				
Power factor	> 0.99				
Bypass voltage range	Selectable, default - 20% ~ +15% Up limited: +10%, +15%, +20%,+25%; Down limited: -10%, -15%, -20%, -30%, -40%				
Bypass frequency range	Selectable, ±1Hz, ±3Hz, ±5Hz				
Input current THDi	<3% (linear load)				
Bypass overload	125%: long term operation; 125% ~ 130%: 10min; 130% ~ 150%: 1min; 150% ~ 400%: 1s; >400%, less than 200ms				
OUTPUT					
Rated voltage	380/ 400/ 415 Vac (3Φ + N + PE)				
Voltage precision	± 1% (linear load)				
Frequency	Synchronized with utility in mains mode, 50/60 Hz ± 0.1% Hz in battery mode				
Waveform	Sinusoidal				
Power factor	1				
Total harmonic distortion (THDv)	< 1% (full linear load), < 3% (full non-linear load according to IEC/EN62040-3)				
Crest factor	3:1				
Overload	<110%, 60min; 110% ~ 125%, 10 min; 125% ~ 150%, 1min; > 150%, 200ms				
BATTERIES					
DC voltage	±240VDC (selectable, 32 ~ 40pcs)				
Charging current	30 A	40 A		60 A Max.	
Recharge voltage precision	<1%				
SYSTEM					
Display	Default: 5 inch touch screen			Default: 7 inch touch screen	
Efficiency	96%				
Transfer time	0ms				
Interface	Standard: RS232, RS485, USB, battery cold start Option:programmable dry contact, SNMP, parallel kit				
ENVIRONMENT					
Operating temperature	0℃ ~ 40℃				
Storage temperature	-40℃ ~ 70℃				
Relative humidity	0 ~ 95% (non-condensing)				
Altitude	<1000m, load derated 1% per 100m from 1000 ~ 2000m				
OTHERS					
Dimensions (W x D x H)(mm)	360 x 800 x 1200	360 x 850 x 1200		440 x 850 x 1250	
Packaged dimensions (W x D x H) (mm)	450 x 870 x 1350	450 x 940 x 1350		530 x 940 x 1410 (Lb)	
Net weight (kg)	152	156	160	194	200
Gross weight (kg)	172	180	180	214	220

- All specifications are subject to change without notice