



UK3000 SERIES

DOUBLE CONVERSION/ON-LINE UPS

FROM 0 @VAVA TO 700400 KVA

- ❖ WIDE VOLTAGE INPUT
- ❖ IGBT INVERTER & OUTPUT ISOLATION TRANSFORMER
- ❖ 3 PHASES UPS ALLOWS 100% UNBALANCE LOAD
- ❖ FULLY DSP CONTROL HIGH RELIABILITY & PERFORMANCE
- ❖ DIRECT CURRENT COLD START FUNCTION
- ❖ ADVANCE BATTERY CHARGING MANAGEMENT
- ❖ ECO MODE AND **EPO*** FUNCTION
- ❖ SMART COMMUNICATION*
- ❖ SNMP ADAPTER*
- ❖ ADVANCE NO-MASTER-SLAVE PARALLEL TECHNOLOGY*
- ❖ INTELLIGENT BATTERY MONITORING SYSTEM - MMBM*
- ❖ 12 PULSE RECTIFIER*
- ❖ BY-PASS ISOLATION TRANSFORMER*

* OPTIONAL ITEMS

UK3040

UK3010

UK3080

UK3200



UK3000 SERIES

The UK3000 series is a Double Conversion On-line UPS system that has built-in automatic voltage regulation, power surge protection and lightning surge suppression. The UPS system provides critical equipments with continuous clean power supply when there is irregular voltage, brownouts or power failure.

This state of the art conventional UPS is not only affordable, it comes build in with Isolated Transformer; and optional for Parallel setup, Long Back-up time with external battery bank and many more useful features.

SPECIFICATION

MODEL		UK3010 / UK3010P	UK3020 / UK3020P	UK3030 / UK3030P	UK3040 / UK3040P	UK3050 / UK3050P	UK3060 / UK3060P	UK3080 / UK3080P	UK3100 / UK3100P	UK3120 / UK3120P	UK3160 / UK3160P	UK3200 / UK3200P	UK3300 / UK3300P	UK3400 / UK3400P	
INPUT	Voltage (VAC)	380/400/415 ± 20% or 208/220 ± 20% (± 25% optional)													
	Rectifier Frequency	40~65													
	SYNC Frequency Tracking	50/60±5% (±10% optional)													
	Phase	3φ4W+PE													
OUTPUT	Capacity (kVA/KW)	10 / 8	20 / 16	30 / 24	40 / 32	50 / 40	60 / 48	80 / 64	100 / 80	120 / 96	160 / 128	200 / 160	300 / 240	400 / 320	
	Phase	3φ4W+PE													
	Voltage (VAC)	L-N: 220/230/240 ± 1%, L-N:380/400/415 ± 1%													
	Frequency (Hz)	50/60±0.5% (battery mode)													
	Waveform	Pure sine wave, THD≤3% (linear load)													
	3 Phases 100% Load Unbalance Voltage Stability	≤2%, allow 100% unbalance													
	Overload	110%load for 30 mins, 125%load for 10 mins, 150%load for 1min													
BATTERY	Voltage (VAC)	12V×29=348													
	Battery Type	External													
	Charger Current (A) Max	10~40A setting												20~80A setting	
	Battery Self-Testing	Automatically alarm and estimate battery status in battery abnormal status													
OTHERS	Maintenance Bypass	Yes													
	Communication	RS232/RS485 and dry contactor													
	Interface	(MODBUS and SNMP adapter are optional)													
	Display	LCD Display indicates frequency, voltage, load, battery voltage, etc. LED indicates running status													
	Alarm	Overload, abnormal AC input, low battery, UPS failure													
	Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage													
	Noise (dB)	< 65													
	Working Temperature	0 ~ 40°													
	Relative Humidity	0 ~ 95%, No condensation													
	Dimension (mm) (WxDxH)	500×800×1180			800×800×1600				1000×800×1800				1800 x 800 x 2000	2200×1000×2000	
Weight (Kg)	195	240	290	450	470	490	690	725	775	905	1700	2350	2580		

** Specification is subject to change without prior notice.

