



UK2000 SERIES

DOUBLE CONVERSION ON-LINE UPS
FROM 10 kVA TO 50 kVA

- ❖ WIDE VOLTAGE INPUT
- ❖ IGBT INVERTER & OUTPUT ISOLATION TRANSFORMER
- ❖ THREE PHASE IN SINGLE PHASE OUT
- ❖ HIGH RELIABILITY DSP CONTROL
- ❖ DIRECT CURRENT COLD START FUNCTION
- ❖ FULL PROTECTION FUNCTION
- ❖ INTELLIGENT RS232 / RS485 COMMUNICATION PORT
- ❖ SNMP ADAPTER*
- ❖ ADVANCE N+1 PARALLEL TECHNOLOGY*
- ❖ INTELLIGENT BATTERY MONITORING SYSTEM - MMBM*

* OPTIONAL ITEMS



JST POWER SOLUTIONS SDN BHD (748716-M)

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Product Code





UK2000 SERIES

Application : Data Centre; Hospital Critical Equipment
Telecommunication Industry & Others

The UK2000 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, but is built with paralleled for N+1 redundancy. It also comes built-in Isolated Transformer with low harmonics distortion; narrow output voltage tolerance, Long Back-up time with external battery bank and many more useful features.

SPECIFICATION

MODEL		UK2010	UK2015	UK2020	UK2030	UK2040	UK2050
INPUT	Voltage (VAC)	380 / 400 ± 25%					
	Frequency (Hz)	50 / 60 ± 5%					
	Phase	Three Phase In Single Phase Out (L1, L2, L3, N, G)					
OUTPUT	Capacity (kVA/KW)	10/7	15/10.5	20/16	30/24	40/32	50/40
	Voltage (VAC)	220V / 230V ± 1%					
	Frequency (Hz)	50 / 60 ± 0.5% (battery mode)					
	Waveform	Pure Sine Wave, THD < 3% (Linear Load)					
	Overload	125% load for 60 seconds 150% load for 1 second			125% load for 60 seconds; 150% load for 20 seconds		
	Transfer Time	0					
BATTERY	Voltage (VDC)	16 x 12V = 192			29 x 12V = 348		
	Battery Type	32x7Ah 12V / External	48x7Ah 12V / External	External			
	Charger Current(A) Max	3/5			10~20 setting		
OTHERS	Maintenance Bypass Switch	Optional			Standard		
	Communication Interface	RS232/RS485, dry connector (MODBUS and SNMP adapter are optional)					
	Display	LCD display indicates frequency, voltage, load capacity, battery voltage, etc. LED indicates running status					
	Alarm	Low battery, abnormal AC input, overload, UPS failure					
	Protection	Low battery, overload, output over temperature, short circuit, over temperature					
	Noise (dB)	< 60			< 65		
	Working Temperature	0 ~ 40°C					
	Relative Humidity	0 ~ 95%, No condensation					
	Dimension (mm) WxDxH Standard / Long Backup	400 x 800 x 1180 / 300 x 740 x 700	400 x 800 x 1180				
	Weight (Kg) Standard / Long Backup	250 / 130	320 / 195	205	225	273	304

** Specification is subject to change without prior notice.

For parallel system, Maintenance Bypass Switch is not available.

