

UKT-series



True On-line Double Conversion UPS

3:3 Phase Configuration

- Transformerless True On-line UPS
- High reliability design
- High input power factor, up to 0.99
- N+x parallel redundancy up to 4 units (for UKT-40) and up to 6 units (for UKT-60 to UKT-200)
- ECO mode operation
- 3-phase UPS allow 100% unbalance load
- Suitable for both inductive and capacitive loads (UKT-60 to UKT-200)
- Provides the LBS synchronization function (UKT-60 to UKT-200)
- LED indicator and large LCD display
- Generator compatible
- Product from ISO 9001 and ISO 14001 certified factory



MODEL		UKT-40	UKT-60	UKT-80	UKT-100	UKT-200
CAPACITY		40 kVA	60kVA	80 kVA	100 kVA	200 kVA
INPUT	Voltage	380 / 400 / 415 Vac (3Ph+N+PE)				
	Voltage range	208~478 Vac (50% load), 305~478 Vac (full load)				
	Frequency	50/60 Hz $\pm$ 10% (auto sensing)				
OUTPUT	Voltage	380 / 400 / 415 Vac (3Ph+N+PE)				
	Voltage regulation	$\pm$ 1%				
	Frequency	50 Hz $\pm$ 0.1% Hz				
	Power factor	0.9 (1.0 is optional)				
	Wave form	pure sine wave				
	Total harmonic distortion (THDv)	$\leq$ 2% at linear load, $\leq$ 5% at non-linear load				
	Overload Inverter mode	$\leq$ 110% for 60 min, $\leq$ 125% for 10 min, $\leq$ 150% for 1 min, $>$ 150% shutdown inverter and turn to bypass				
		$\leq$ 110% for 60 min, $\leq$ 125% for 1 min, 125% for 1.2 sec shutdown inverter and turn to bypass				
	Crest factor ratio	3:1				
	Efficiency	95.2%				
TRANSFER TIME		Zero time (True on-line UPS)				
BATTERY	Type	Sealed lead acid (VRLA) (maintenance free) rechargeable				
	Voltage	2 x (9Ah x 30 pcs)				
	Configuration	Internal battery				
INDICATOR	LED	Inverter, Battery, Bypass, Alarm				
	LCD display	Input, Output, Bypass, Battery, Load, System status, Setting, Record				
ALARM		Overload, utility abnormal, UPS fault, low battery, etc.				
COMMUNICATION INTERFACE	RS-232 and RS-485 port	yes				
	USB port	yes				
	Parallel port	yes				
	SNMP/HTTP capability	option				
SOFTWARE	UPS monitoring and management software	option				
ACOUSTIC NOISE	At 1 metre	$<$ 64 dBA	$<$ 60 dBA	$<$ 62 dBA		$<$ 66 dBA
STANDARD	Safety	IEC/EN 62040-1, IEC/EN 62477-1				
	EMC	IEC/EN 62040-2 (IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11)				
ENVIRONMENT	Temperature	0 $\sim$ 40°C				
	Relative humidity	0 $\sim$ 95% (non-condensing)				
DIMENSIONS	W x H x D (cm)	25 x 86.8 x 90 cm	25 x 86.8 x 82.8 cm	44.2 x 120 x 85 cm		
WEIGHT	Approx. in kg.	239 kg	83 kg	144 kg	147 kg	230 kg

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

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