

TURBO 10-30KVA (3Ph - 1Ph UPS) Online LF TRANSFORMER Based

VIVATK

Features

- * Single | single-phase, three / single-phase models with on-line double conversion technology
 - * DSP (Digital Signal Processors) technology
 - * Suitable for all kinds of loads (resistive, inductive and non-linear loads etc) High overload capability (up to 150%)
 - * Bypass dual DSP control design to enhance more reliability
- Supports dual input, hot standby in series
- * Redundant & parallelable with advanced parallel current-sharing control technology (10 – 30 kVA) Cold start and mains start function
 - * High charging capability: 2A/4A/6A/8A/ 10 A / 12 A selectable (standard), 14 A/ 16 A/ 18 A / 20 A /22 A / 24 A selectable (options)
 - * Standard configuration with output isolation transformer
 - * Superior protection (surge, short-circuit, overvoltage, under voltage, overcharge, reverse battery protection etc.) Advanced communications: RS232 and USB ports (standard), SNMP, dry contacts and RS485 options)
 - * Other options (parallel kits, input isolation transformer, bypass isolation transformer and harmonic suppressor)



 **Anushri Systech Private Limited**

An ISO 9001:2008 Certified Company

A1, Ground Floor, O.No -167, N.No - 230, R.K.Mutt Road, RA Puram, Chennai - 600028. | GST: 33AAGCA8044B1Z5 |
Cin Number: U30007TN2007PTC064884 | Tel: +91 44 2461 3900 | Fax: +91 44 2462 1249 | M: +91 98416 88178 | www.anushri.info

Capacity	10KVA/9KW	15KVA/ 13.5 KW	20KVA/ 18KW	30 KVA/ 27KW
INPUT				
Rated voltage	360V/380V/400V/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			
Total harmonic distortion (THDi)	≤ 5%			
Bypass voltage range	-40% ~ +15% (settable)			
OUTPUT				
Voltage range	360V/380V/400V/415 Vac			
Voltage regulation	±1%			
Frequency	45 ~ 55 Hz or 55 ~ 65Hz (synchronised range); 50/60 Hz ± 0.1 Hz (battery mode)			
Waveform	sinusoidal			
Crest factor	03:01			
Total harmonic distortion (THDv)	≤ 2% (linear load); ≤ 5% (non- linear load)			
Transfer time	mains mode to battery mode: 0ms ; inverter mode to bypass mode : 0ms			
Inverter overload capability	102% ~ 125% : transfer to bypass in 10 mins; 125% ~ 150%: tranfer to bypass in 1min; > 150%: transfer to bypass in 0.5 s			
Bypass overload capability	102% ~ 125% : shut down in 20 mins; 125% ~ 150%: shutdown in 2min; > 150%: shutdown in 1s			
BATTERIES				
DC voltage	optional) standard model: 240Vdc; long time model: 192Vdc(168V/ 192V/ 216V/ 240V			
Inbuilt battery of standert model	20×7Ah	40 ×7Ah	40 × 9 Ah	60 × 9Ah
Charging current	long time model : 7A supplied (additional 7A is optional), standard model: 1A, 2A, 3.5A settable			
Recharge time	standard model: 90% capacity stored in 4hrs; long time model: depend on the capacity of battery			
SYSTEM				
Efficiency	≥ 93%, ECO mode 98%			
Display	LCD + LED			
Alarm	Battery mode, low battery, fans fault etc			
Max. parallel numbers	6			
Communications	RS232 / USB(standard), RS485 / Dry contacts/ SNMP (optional)			
EMI	IEC/EN62040-2			
EMS	IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge),			
OTHERS				
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)			
Noise level	≤ 60dB (1M)	≤ 65dB (1M)		
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)

* All specifications Subject to change without notice