



TECHNOVISION ENERGY PVT. LTD.

'KONARK', S No. 50/3A/4,, Ground Floor, Narhe,
Near Navale Hospital, Beside Kanhayalal & Co., Narhe road, Pune-411041
Tel: (020) 24390841 Telefax: (020) 24390063
E-mail: sales@technovisionenergy.com Website: www.technovisionenergy.com



Technical Specification (3Ph input – 3Ph output) Online UPS.

Nominal input voltage	415VAC (3 ϕ) 4 wire
Wide input voltage range	360VAC to 460VAC
Nominal input freq	50Hz
Input freq range	45Hz to 55Hz
Accurate output voltage	415 VAC +/-1% line – line
Accurate output freq	50Hz+/-0.1% (crystal controlled)
Input Power Factor	0.9
Output power factor	0.8 lagging to Unity
UPS Rating	(10-500)KVA
Transient response	For 100% step load change output stays within +/- 5% and recovers within 10-20 msec.
Technology	Micro- Controller based PWM, IGBT.
Output waveform	Pure sine wave
Output overloading	100% for continuous 120% for 15mins 150% for 30secs
Crest factor	3:1
Inverter efficiency	Greater than 90%
Operating temp	0 TO 55 deg C
Humidity range	95% Rh (non condensing)
Rectifier Section	IGBT Based
Total harmonic distortion	Less than 5% at non-linear load
Isolation	Total isolation of output from input to protect from spikes and surges. (Provide dedicated Earthing)
Genset compatible	Yes
Alarms warning	Mains fail, Batt low, DC over, DC under, o/p AC over, O/p over load, O/p AC under
User friendly monitoring on LCD Indication:	Input Mains Voltage & Frequency Output Voltage & frequency Fault indications etc.
Diagnostic Fault Recording System	Advanced Micro-controlled diagnostic system will record/store the relevant data at regular intervals and also during failure.
Audible noise	Less than 65 db at 1 meter
Chassis design	IP-21, Manufactured in Pune by our vendors
Cooling facility	Forced air cooling, Fans and Blowers



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Safety protections	Output over voltage Output under voltage Output overload Output short circuit Input phase fail, phase reverse Temperature high
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