



IGBT ON LINE UPS SYSTEM - 3 KVA TO 50 KVA – 3 PHASE I/P – 1 PHASE O/P

TECHNICAL SPECIFICATION										
MODELS		YL3103	YL3105	YL3110	YL3115	YL3120	YL3125	YL3130	YL3140	YL3150
CAPACITY		3 KVA	5 KVA	10 KVA	15 KVA	20 KVA	25 KVA	30 KVA	40 KVA	50 KVA
PARAMETERS	AC Input Voltage	a) 415 V, -20% + 15% 4 wire Three Phase or any voltage Range as per customer Requirement.								
	Frequency	b) 50 HZ +/- 10% Can also work Good Quality Generators								
		c) Output Voltage 220 V / 230 V AC Single Phase								
		d) Voltage Regulation +/- 1%								
		e) Frequency 50 Hz +/- 0.01% (Crystal Controlled)								
		f) Wave Form Sine Wave								
AC OUTPUT		g) Harmonic Distortion Less than 3%								
PARAMETERS		h) Efficiency >93%								
		i) Power factor 0.8 lagging (0.9 optional on request)								
		j) Over load 110% for 10 Minutes								
		200% for 5 Cycles								
		k) Crestor Factor >4:1								
		l) Output Distortion <3%								
		m) Transient Recovery Within 3 Cycles								
PROTECTION	An Electronics Circuit with Digital Logics Continuously Searches for the following fault & Trips the System with Audio – Visual Indication.									
		a) Battery Over Voltage c) Output AC Over Voltage				b) Battery Under Voltage d) Output Overload/Short Circuit				
INDICATION	* Mains On * Load On Mains		* Load on Batteries * Battery Boost			* Battery Low * Battery Level Graph		* Inverter Overload * Load Level Graph		
	METERING									
		Digital Metering Available for Output Voltage / Battery Voltage / Output Current / Output Frequency (Customized Metering Optional Available)								
AMBIENT CONDITIONS	a) Operating – 0 Deg. C – 50 Deg. C				b) Storage – 0 Deg. C – 60 Deg. C					
	c) Relative Humidity - 95% RH				d) Operating Altitude – up to 2000 Meters					
	e) Audible Noise				< 50db at I Meter up to 10 KVA < 60db at I Meter Above 10 KVA					
ISOLATION	Full inbuilt isolation between I/P & O/P by transformer at the output									
OPTIONAL FEATURES	* Static Bypass Switch * SNMP Interface / RS 232				* Remote on / off Panel * Hot Standby Mode			* Remote Indicator Panel * Parallel Redundant Mode		
	CERTIFICATION									
		ISO 9001/ 2015								
		<ul style="list-style-type: none"> The above systems are base on normal standards and can be customized as per specifications. 								