

SMLR SERIES

10- 200KVA (3 PH - 3 PH UPS)
LF Transformer Based

VIVATK

Features

- * High frequency on-line double conversion technology
- * DSP (Digital signal processors) control technology
- * Active power factor correction (APFC), input power factor up to 0.99 Output power factor 0.9
- * Wide input voltage range (110 V ~ 300 Vac) and frequency range (40 ~ 70 Hz)
- * Auto sensing frequency 50 / 60 Hz frequency conversion
- * Cold start
- * Rear ventilation design and variable speed fan
- * Effective software and hardware protection
- * Quick and stable charging, 90% capacity restored in 3 h (standard model UPS)
- * Linear derating in low voltage input reducing battery discharging times
- * Settable delayed start when power is restored Advanced battery management (ABM)
- * Multiple functions settable via LCD: output voltage, EOD, auto-start, bypass mode, ECO mode and frequency conversion mode
- * Multi-platform communications: RS232 (standard), USB / RS485 / SNMP / dry contacts (optional)
- * Optional USB, RS485 card, AS400 dry contacts, SNMP card, SMS alarms, EPO function, and 12 A charger (2/3 kVA only)



 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

TECHNICAL SPECIFICATIONS



Model	SMLR SERIES
Rating	10KVA to 200KVA
AC INPUT	415V \pm 15% -15%, Three Phase Input
Frequency	50Hz \pm 6%
DC VOLTAGE:	360 / 384VDC
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC (Constant Current Constant Volta)
INVERTER	
Technology	DSP based, IGBT Switching
Output Voltage	400 / 415V AC Three Phase
Voltage Regulation	\pm 1%
Frequency	50Hz+0.1Hz
Waveform	PWM Sine wave
Harmonic Distortion	CVCC (Constant Current Constant Volta)
Inverter Efficiency	Upto 90% below 30KVA and upto 93% for 30 to 200KVA
Power Factor	0.8
Overload	110 % for 5 min, 150% for 30 sec
Crest Factor	03:01:00
Crest Factor	120 $^{\circ}$ \pm 1 $^{\circ}$
DISPLAY:	Less than 65 dB at 1 Meter
Digital LCD Display for	R,Y,B Input and Output Voltages, Output currents & Frequency, DC voltage, Battery and Load percentage and All Faults
GENERAL	
Operating temperature	0 $^{\circ}$ C to 40 $^{\circ}$ C
Humidity	Max 95%, Non-condensing
PROTECTIONS:	Output Overload & Short circuit, Output UV & OV, DC Under Overvoltage, Mains Under & Overvoltage, Mains Single
INDICATIONS & ALARMS	
a.Mains On	LED indication
b.Inverter	LED indication
Batt Loc	LED indication & Alarm
Fault	LED indication & Alarm
Overload	LED indication & Alarm
OPTIONAL	
Communication	SNMP
bypass	Static Switch

* All specifications Subject to change without notice



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