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Disclaime

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Owing to Continuous Product Updation, Research and Development the Company reserves the right to change the specifications without prior notice.



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SLV Digi Series 3 KVA - 200 KVA

SLV DIGI SERIES 3 KVA - 200 KVA with Advance Technology

SLV POWER SOLUTIONS offers one-stop shop for UPS Solutions, from Desktop systems to industrial applications, from 3 KVA to 200 KVA. Customer needs have been understood to various application areas and products designed based on these inputs. Reliability, Availability, Efficiency, Maintainability, User-Friendliness and Technology. We address all your value requirements - EFFECTIVELY.

SLV POWER SOLUTIONS presents to you our latest State-of-the-Art SLV DIGI SERIES - DIGITAL ONLINE UPS SYSTEMS

SLV DIGI SERIES is carefully designed to maximise the availability of your critical equipments continuously ensuring that your business is protected against all power problems. These UPS Systems designed with best micro controlled devices and Hybrid Circuits deliver Pure Sine-wave Clean Power under all operating conditions.

ON-LINE DOUBLE CONVERSION

SLV DIGI SERIES are constructed on True - OnLine Architecture continuously supplying Critical Connected Load with a stable clean and pure Sinewave Power.

IGBT BASED INVERTER & SMART CHARGER

High Switching Frequency for maximum system efficiency, Minimum Harmonics, Fast Transient Response and increased battery life.

DIGITAL SIGNAL PROCESSING

SLV DIGI SERIES is fully Digital adopting a Single Processing Unit that integrates all power stages as well as control functions. The System uses only 4 cards as compared to a large number of Control Cards used in conventional UPS Systems. Single Processing Unit increases system availability through increased reliability.

ISOLATION TRASFORMER FOR GROUNDING PROBLEMS

All SLV DIGI SERIES models incorporate Isolation Transformer at the output of the UPS to attenuate problems arising out of poor input grounding and leakage voltage in neutral.

OPTIONAL ADD-ONS include SNMP Network Protocol, RS-232 Communication Port, Wall Mounted Remote Monitoring Panel (RMP), Matching Battery Cabinets.

Major Applications:

- DIGITAL MINILABS, IMAGE PROCESSING & PRE-PRESS
- Information Technology Data Centres, Servers Networking
- Industrial Automation, Process Control
- Embroidery Machines, Laser Cutting Machines
- Banking, Insurance & Financial Services
- Satellite Uplinking and Earth Stations.
- Medical Equipment MRI, CT Scan, CathLab, Doppler & others
- Telecommunication Mobile, Paging, Wireless & others





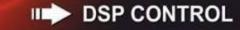






Specifications

HIGH EFFICIENCY



EARTH CORRECTION

TECHNICAL OPERIFICATIONS FOR CLY DIOLOGDIES (2 1/1/4 200 1/1/4)

TECHNOLOGY	DICITAL CICNIAL PROCECCING
TECHNOLOGY	- DIGITAL SIGNAL PROCESSING - 100% DSP HENCE THERE ARE ONLY 4 PCB'S AS AGAINST 10-12 OF CONVENTIONAL UPS
	SYSTEMS LOWER COMPONENT COUNT INCREASES RELIABILITY
	- IGBT BASED SPWM DOUBLE CONVERSION TECHNOLOGY
	- HIGH SWITCHING FREQUENCY AT 20 KHZ.
CHARGER	SMPS BASED HIGH FREQUENCY CHARGER/SCR CHARGER
TECHNOLOGY	CVCL CHARGER, CHARGING CURRENT PROPORTIONATE TO BATTERY AH
NPUT	CVCE CHANGEN, CHANGING CONNEXT PROPORTED BATTERN AN
PHASE	SINGLE PHASE / THREE PHASE
NOMINAL INPUT VOLTAGE	220/230/240V +/-25%
NPUT FREQUENCY	50 HZ. +/-6%
COMMON MODE NOISE REJECTION	>60DB
TRANSVERSE MODE NOISE REJECTION	>80DB
DUTPUT	
PHASES	SINGLE PHASE / THREE PHASE
NOMINAL OUTPUT VOLTAGE	220/230/240V (FACTORY SETTABLE) +/-1% STATIC
OUTPUT WAVEFORM	PURE SINE WAVE
OUTPUT FREQUENCY	50HZ. +/-0.1% IN FREE RUNNING MODE
OAD POWER FACTOR	0.8 TO UNITY
OAD CREST FACTOR	5:1 CAN BE TAILORED FOR HIGHER CREST FACTOR REQUIREMENTS
TRANSIENT RESPONSE	LESS THAN 2.5V VARIATION FOR 100% STEP LOAD CHANGE AND
	RECOVERY TIME TO LESS THAN 4 MILLISECONDS
OVERLOAD CAPACITY	125% For 60 Seconds, 110% for 10 Minutes
NVERTER EFFICIENCY	>92%
TOTAL HARMONIC DISTORTION (THD)	<2% AT 100% LINEAR LOAD
	<5% AT 100% NON LINEAR LOAD
STATIC BYPASS SWITCH	AVAILABLE
COMPUTER INTERFACE	WINDOW COMPATIBLE SERIAL INTERFACE VIA DB9 CONNECTOR FOR
OPTIONAL)	MONITORING UPS STATUS THROUGH COMPUTER
BATTERIES	
BATTERY RECHARGE	8-10 HOURS TYPICAL
DC VOLTAGE	2KVA/3KVA/5KVA/6.25KVA/7.5KVA: 144V
	5KVA/7.5KVA/10KVA/12.5KVA/15KVA/20KVA/ : 180V & ABOVE
DISPLAY	LED DISPLAY FOR LCD DISPLAY FOR
	- AC INPUT - INPUT VOLTAGE
	- LOAD ON BYPASS - OUTPUT VOLTAGE
	- BATTERY - OUTPUT FREQUENCY
	- FAULT (SERVICE) - DC VOLTAGE
	- UPS OUTPUT - UPS STATUS
NULL BOER TEOLING CON	- LOAD PERCENTAGE
CHARGER TECHNOLOGY	IGBT BASED SMPS CHARGER, CAN BE CUSTOMISED AS PER CUSTOMER NEEDS.
BATTERY COMPATIBILITY	COMPATIBLE WITH SMF-VRLA, INDUSTRIAL, PLANTE NI-CD AND MOST OTHER BATTERIES KNOWN
PROTECTIONS	NOISE FILTER AT INPUT & OUTPUT
	- COMMON MODE EMI/RFI ATTENUATION RANGE OVER 100 HZ TO 30 MHZ RANGE
	- OVER LOAD PROTECTION
	- SHORT CIRCUIT PROTECTION
	- SOFT START IN INVERTER AND CHARGER
	- PHASE LOCK LOOP MECHANISM FOR SYNCHRONIZATION WITH MAINS
	- PROTECTION THROUGH MCB, FUSES AND ELECTRONIC SENSING
OPTIONALS	RMP - REMOTE MONITORING PANEL
	RS-232 INTERFACE, SNMP PROTOCOL