



SOLAR UPS INVERTER ALSO AVAILABLE

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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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Dealer's Stamp :



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 TRANSFORMER 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

⇒ DSP CONTROL

⇒ EARTH CORRECTION

TECHNICAL SPECIFICATIONS FOR SLV DIGI SERIES (3 KVA - 200 KVA)

TECHNOLOGY	
INVERSION 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 TECHNOLOGY	SMPS BASED HIGH FREQUENCY CHARGER/SCR CHARGER CVCL CHARGER, CHARGING CURRENT PROPORTIONATE TO BATTERY AH
INPUT	
PHASE	SINGLE PHASE / THREE PHASE
NOMINAL INPUT VOLTAGE	220/230/240V +/-25%
INPUT FREQUENCY	50 HZ. +/-6%
COMMON MODE NOISE REJECTION	> 60DB
TRANSVERSE MODE NOISE REJECTION	> 80DB
OUTPUT	
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
LOAD POWER FACTOR	0.8 TO UNITY
LOAD 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
INVERTER EFFICIENCY	> 92%
TOTAL HARMONIC DISTORTION (THD)	< 2% AT 100% LINEAR LOAD < 5% AT 100% NON LINEAR LOAD
STATIC BYPASS SWITCH	AVAILABLE
COMPUTER INTERFACE (OPTIONAL)	WINDOW COMPATIBLE SERIAL INTERFACE VIA DB9 CONNECTOR FOR 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