

Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



A COMPANY WITH CULTURE

- We, M/s. Silvex Exports Pvt. Ltd have our roots dating back to 1996 when we started providing a power backup solution across all geographies in India and in diverse industries such as IT/ITES, Banking & Manufacturing, Government etc ensuring minimal and or no down-time during power outages. Since inception our endeavour and strength has been in offering tailor made power backup solutions that are enduring and innovative, backed up with impeccable service support.
- Moreover our 2+ decades of expertise in supplying and installing UPS batteries; has led us to be one of the preferred supplier for most of the government and large global clients. Our cost-effective solutions along with I & C support and advanced technological battery monitoring system has helped us achieve numerous satisfied customers and achieve a revenue of USD 11 Million.

Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications





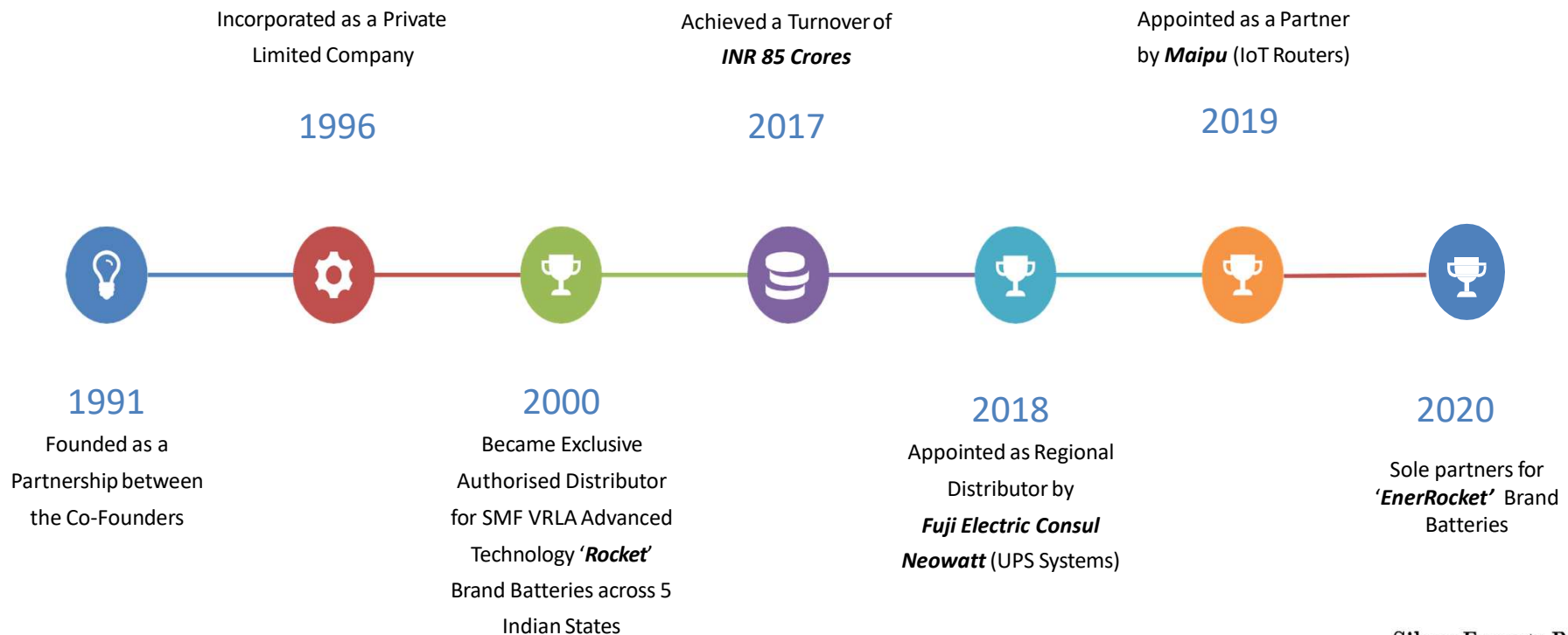
- **Our Mission:** is to support our customers, with traditional and new-generation power solutions tailored to their needs. The company strives to provide the Indian market with enhanced next-generation power systems for emerging applications
- **Our Vision:** is to strengthen our domain in advanced-technology batteries and electronics for industries over the long term. To achieve this goal, we will strive to provide our customers with the best possible energy solutions.

Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



MILESTONES ACHIEVED



Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



PRODUCTS



Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



SUPPLY CHAIN

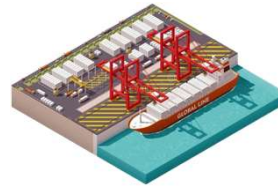
This method is conducted by the Supply Chain Management team

N-3 Forecasting



The finished products are dispatched from the factory to the ports/offices across India

Dispatch from Factory



Production Process

This process takes 21-25 days where the raw materials are turned into finished products

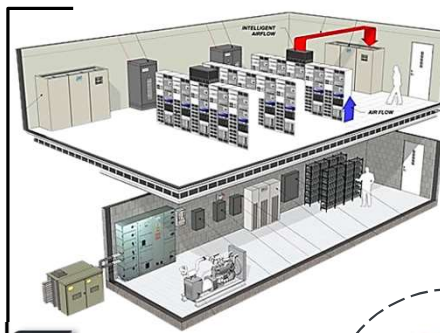


Stock in Warehouse

Products are cleared at respective Ports in case of import and are stocked at the warehouse



Delivery to Customers



DATA CENTERS

INDUSTRIAL



MEDICAL FACILITIES

VRLA BATTERY SEGMENT

- Sales with support for installation & commissioning, logistics, and after sales activity
- Market leader and major supplier for 12V VRLA Lead Acid batteries – UPS application
- Primary service provider of the Indian continent & APAC region
- Manufacturing Plant: Vietnam for EnerRocket brand and India for HBL brand for 12V VRLA range
- UL / CE certified
- IEC 60896 – 21/22 complaint for EnerRocket brand

Key Services




































- Just in Time (JIT) Delivery – Stock & Sales
- Technical guidance and expertise
- Strong after sales service engineering team deployed in multiple cities
- Warranty with extended warranty options
- Buy back options for scrap VRLA batteries

Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



BATTERY MONITORING SYSTEM

Features Series	Voltage Individual Cells	Current	Ambient Temperature	IR Individual Cell	Temperature Individual Cell	Capacity Individual Cell	Remaining Runtime
ENERTECT-V							
ENERTECT-VR							
ENERTECT-VRT							
ENERTECT-VRC							
ENERTECT-U							



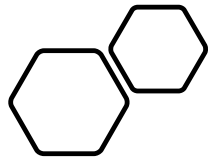
LITHIUM-ION SEGMENT

- Lithium Ion power solutions for UPS application / Telecom applications & Small UPS application
- UL / CE certified

Key Services

- Technical guidance and expertise
- Integrated solutions: 3 level BMS, Cabinet & Accessories
- Strong after sales service engineering team deployed in multiple cities
- Warranty with extended warranty options
- Manufacturer certified – Service team





OTHER PRODUCTS & SERVICES

- UPS - 600VA offline UPS to 600 KVA
- Turn-key solutions for UPS / Inverters + Battery systems
- Cabinets, Racks, & intercell Connectors
- 4G & 5G Routers & Switches



FE Fuji Electric
Innovating Energy Technology



MAIPU
MAKE IT INTELLIGENT

Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



TECHNICAL GUIDANCE & SUPPORT

- Site inspection
- Battery Sizing Calculation
- Annual Maintenance Contract
- Installation & Commissioning
- Do's & Don'ts during I & C & Maintenance
- RCA & CAPA in case of failures

Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



Why is Battery Sizing required

- ☐ To ensure proper selection of battery capacity.
- ☐ To avoid premature failure of battery, due to overloading.
- ☐ To avoid power interruption & plant shut down due to inadequate battery capacity to support expected time duration.
- ☐ To achieve the optimum performance of the battery.



Battery Sizing

➤ Factors / Parameters to be considered for battery sizing.

➤ UPS parameters

☐ KVA

☐ P.F.

☐ No Of Blocks / Cells

☐ End Cell Voltage

☐ Efficiency

➤ Other parameters

☐ Back up time

☐ Voltage drop between Battery and UPS Inverter

☐ Aging factor

☐ Design Margin

☐ Temp correction factor

☐ Continuous Load / Step Load

Silvex Exports Pvt. Ltd.

Tailor-made New-Generation Power Solution for Emerging Applications



CERTIFICATION



Certificate of Registration

This is to certify that

M/S. SILVEX EXPORTS PRIVATE LIMITED
808-809, THE CORPORATE CENTRE, L B S MARG, NIRMAL LIFESTYLE
MULUND WEST, MUMBAI CITY-400080, MAHARASHTRA, INDIA

has been independently assessed by QRO
and is compliant with the requirement of:

ISO 9001:2015

Quality Management System

For the following scope of activities:

"SUPPLIER OF SMF VRLA BATTERIES, TUBULAR BATTERIES, BATTERY MONITORING SYSTEMS (BMS), LITHIUM-ION BATTERIES, UN-INTERRUPTED POWER SUPPLY (UPS SYSTEMS), SOLAR SYSTEMS, ROUTERS AND OTHER POWER ELECTRONIC PRODUCTS"

Date of Certification: 26th November 2020 2nd Surveillance Audit Due: 25th November 2022
1st Surveillance Audit Due: 25th November 2021 Certificate Expiry: 25th November 2023

Certificate Number: 305020112603Q



Signature
Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully in a cycle of 90 days from date of the audit. Co. must surrenderance audit is not allowed to be conducted this certificate will be considered void/invalidated.
The Validity of this certificate can be verified at www.qro.org
This certificate of registration remains the property of QRO Certification LLP and shall be returned immediately upon request.

India Office : QRO Certification LLP
142, 1st Floor, A-10, Sector-14, Near Parkside Vihar, West Metro Station, Delhi-110068, (INDIA)
Website : www.qro.org E-mail : info@qro.org

केंद्रीय अप्रत्यक्ष कर एवं सीमा शुल्क बोर्ड
CENTRAL BOARD OF INDIRECT TAXES AND CUSTOMS
वित्त मंत्रालय
MINISTRY OF FINANCE
भारत सरकार
GOVERNMENT OF INDIA

प्राधिकृत आर्थिक संचालक- टी 1 प्रमाण-पत्र
AUTHORIZED ECONOMIC OPERATOR-T1 CERTIFICATE
(IMPORTER & EXPORTER)

प्रमाण-पत्र संख्या Certificate Number: INAADC59196D1F201

कम्पनी का नाम: M/s SILVEX EXPORTS PRIVATE LIMITED
Name of Company: 5, NALINI APTS. SANE GURUJI NAGAR,
90, FEET ROAD, MULUND EAST,
MUMBAI, MAHARASHTRA 400081



अन्तर्राष्ट्रीय आपूर्ति श्रृंखला को सुरक्षित रखने हेतु आपकी प्रतिबद्धता का सम्मान करते हुए एव एडवेंचर्स सी.ओ. के सेफ फ्रेमवर्क ऑफ स्टैंडर्ड्स के अनुसरण में सी.बी.आई.सी. के परिपत्र संख्या 33/2016-सीमा शुल्क, दिनांक 22.07.2016 के अन्तर्गत भारतीय सीमा शुल्क अपने प्राधिकृत आर्थिक संचालक (ए.ई.ओ.) कार्यक्रम में आपके प्रतिष्ठित संगठन को प्रमाणित करता है।
यह प्रमाण-पत्र 01.11.2023 तक वैध है।

In recognition and appreciation of your commitment to secure the international supply chain and in compliance with the WCO's SAFE Framework of Standards, Indian Customs certifies your esteemed organization in its Authorised Economic Operator (AEO) programme under CBIC Circular Number 33/2016-Customs, dated 22.07.2016.

This certificate is valid upto 01.11.2023.

Signature
(प्रमोद कुमार/ Pramod Kumar)
ए. ई. ओ. कार्यक्रम प्रबंधक/ मुख्य आयुक्त
AEO Programme Manager/ Chief Commissioner
अन्तर्राष्ट्रीय सीमा शुल्क निदेशालय
Directorate of International Customs

स्थान Place : नई दिल्ली New Delhi
दिनांक Dated: 02.11.2020

9/10/2020

Print : Udyam Registration Certificate



TYPE OF ENTERPRISE	MEDIUM	SERVICES																				
UDYAM REGISTRATION NUMBER	UDYAM-MH-19-0010013																					
NAME OF ENTERPRISE	M/S SILVEX EXPORTS PRIVATE LIMITED																					
SOCIAL CATEGORY OF ENTREPRENEUR	General																					
NAME OF UNITS	<table><tr><td>SlNo.</td><td>Udyog Aadhaar Memorandum</td><td>Unit Name</td></tr><tr><td>1</td><td>MSME000000007</td><td>SILVEX EXPORTS PVT LTD</td></tr></table>		SlNo.	Udyog Aadhaar Memorandum	Unit Name	1	MSME000000007	SILVEX EXPORTS PVT LTD														
SlNo.	Udyog Aadhaar Memorandum	Unit Name																				
1	MSME000000007	SILVEX EXPORTS PVT LTD																				
OFFICAL ADDRESS OF ENTERPRISE	<table><tr><td>Pin/Post/Block No.</td><td>888-889</td><td>Name of Premises/ Building</td><td>The Corporate Centre, Nirmal Lifestyle</td></tr><tr><td>Village/Town</td><td>Mulund West</td><td>Block</td><td>NA</td></tr><tr><td>House/Street/Lane</td><td>LBS Marg</td><td>City</td><td>Mumbai</td></tr><tr><td>State</td><td>MAHARASHTRA</td><td>District</td><td>MUMBAI - Pin 400000</td></tr><tr><td>Mobile</td><td>9821234287</td><td>Email:</td><td>garjeeyash@prochattahosts.in</td></tr></table>		Pin/Post/Block No.	888-889	Name of Premises/ Building	The Corporate Centre, Nirmal Lifestyle	Village/Town	Mulund West	Block	NA	House/Street/Lane	LBS Marg	City	Mumbai	State	MAHARASHTRA	District	MUMBAI - Pin 400000	Mobile	9821234287	Email:	garjeeyash@prochattahosts.in
Pin/Post/Block No.	888-889	Name of Premises/ Building	The Corporate Centre, Nirmal Lifestyle																			
Village/Town	Mulund West	Block	NA																			
House/Street/Lane	LBS Marg	City	Mumbai																			
State	MAHARASHTRA	District	MUMBAI - Pin 400000																			
Mobile	9821234287	Email:	garjeeyash@prochattahosts.in																			
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	30/05/1996																					
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	30/05/1996																					
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	<table><tr><th>SlNo.</th><th>NIC 3 Digit</th><th>NIC 4 Digit</th><th>NIC 5 Digit</th><th>Activity</th></tr><tr><td>1</td><td>74 - Other professional, scientific and technical activities</td><td>7499 - Other professional, scientific and technical activities n.e.c.</td><td>74999 - Other professional, scientific and technical activities n.e.c.</td><td>Services</td></tr></table>		SlNo.	NIC 3 Digit	NIC 4 Digit	NIC 5 Digit	Activity	1	74 - Other professional, scientific and technical activities	7499 - Other professional, scientific and technical activities n.e.c.	74999 - Other professional, scientific and technical activities n.e.c.	Services										
SlNo.	NIC 3 Digit	NIC 4 Digit	NIC 5 Digit	Activity																		
1	74 - Other professional, scientific and technical activities	7499 - Other professional, scientific and technical activities n.e.c.	74999 - Other professional, scientific and technical activities n.e.c.	Services																		
DATE OF UDYAM REGISTRATION	18/09/2020																					

Disclaimer: This is computer generated statement, no signature required.
Printed from <https://udyamregistration.gov.in>

For any assistance, you may contact:

1. DIC MUMBAI CITY
2. MSME-DI MUMBAI

Visit : www.msme.gov.in ; www.dmsme.gov.in ; www.champions.gov.in

Follow us : @msmeindia ; @dmsmeindia ; @championsgovin



BE A CHAMPION
with the
Ministry of
MSME

<https://udyamregistration.gov.in/PrintApplication.aspx?udtm=x73R8QEGJfXOpnp+3drVw>

CERTIFICATION

40/2020 Batteries, Standby - Component | UL Product iQ™

BAZR2.MH46330 - Batteries, Standby - Component

Batteries, Standby - Component

See General Information for Batteries, Standby - Component

GLOBAL POWER SOURCE (INDIA) PVT LTD
701/102, C Wing,
Newkarn Business Park
Near Vidyanagar Bus depot
Mumbai, Maharashtra 400086 INDIA

MH46330

Model	Capacity, Voltage, Ah	Max Discharge Rate	Max Charge Rate	Oper. Range/Max Ambient	Battery Case	Enclosure	High-rate Discharge Test Current
Sealed cell, lead-acid batteries with pressure release vents							
ES 100-12	-	-	-	-	V-2	-	-
ES 12-12	-	-	-	-	V-2	-	-
ES 120-12	-	-	-	-	V-2	-	-
ES 150-12	-	-	-	-	V-2	-	-
ES 18-12	-	-	-	-	V-2	-	-
ES 200-12	-	-	-	-	V-2	-	-
ES 26-12	-	-	-	-	H8	-	-
ES 4-6	-	-	-	-	H8	-	-
ES 4.5-6	-	-	-	-	V-2	-	-
ES 40-12	-	-	-	-	V-2	-	-
ES 42-12	-	-	-	-	V-2	-	-
ES 65-12	-	-	-	-	V-2	-	-
ES 7-12	-	-	-	-	V-2	-	-
ES 7-12FR	7	12	-	-	H8	-	-
ES 80-12	-	-	-	-	H8	-	-
ES 9-12FR	9	12	-	-	H8	-	-
ES 7-12 (12V2.0AH)	7.0	12	-	-	H8	-	-
ESC 100-12	-	-	-	-	V-2	-	-

https://ulinspect.com/en/profile/4949

UL94-BAZR2.MH46330

40/2020 Batteries, Standby - Component | UL Product iQ™

Sealed cell, lead-acid rechargeable batteries with pressure release vents

Model	Capacity, Voltage, Ah	Max Discharge Rate	Max Charge Rate	Oper. Range/Max Ambient	Battery Case	Enclosure	High-rate Discharge Test Current
ESH1390W	95	12	-	-	V-0	-	-
ESH1550W	140	12	-	-	V-0	-	-
ESH1600W	150	12	-	-	V-0	-	-
ESH1850W	230	12	-	-	V-0	-	-
Sealed, Valve-regulated Lead-acid Battery							
ESH1400W	100	12	300	30	25	25	V-0 Counter/room supported
ESH1700W	180	12	640	54	45	45	V-0 Counter/room supported

Note - CB battery models series may be followed by "FR" when a V-0 or V-1 rated material is used for the case and cover.

Marking: Company name or trademark "EnerRocket", "ROCKET" or trademark "EnerRocket", model designation, and the Recognized Component Mark.

ROCKET EnerRocket

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assembly, Construction, Design, Systems and/or Certifications listed must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings); 2. The statement "Reprinted from the Online Certification Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC".

Last Updated on 2020-09-23

https://ulinspect.com/en/profile/4949

Report No. HST202005-02625-WT

Sample Description..... SMF VRLA RECHARGEABLE BATTERY

Model..... See the Table 1

Assessment Category: Entrusted

Applicant..... GLOBAL POWER SOURCE PTE LTD

Guangdong Huesent Testing & Inspection Technology Co., Ltd.

Unit 102, 4th Building, Hongji e Valley International Enterprises Port, Tongji West Road, Nantou Town, Zhongshan City, Guangdong
http://www.hst.org.cn E-mail: hst@hst.org.cn
Tel: +86-20-28251230 Fax: +86-20-28251237
TRF-HSTF-Q071 B0 Page 1 of 13

IEC 60896 21&22
HST202005-02625-WT

Report No.: HST202005-02625-WT

TEST REPORT

Sample Description	SMF VRLA RECHARGEABLE BATTERY	Trademark	EnerRocket
Model	See the Table 1	Specification	12V100Ah
Assessment Category	Entrusted	Sample Quantity	6 Pieces
Applicant	GLOBAL POWER SOURCE PTE LTD	Sample Status	The samples are sound, intact and fit for test.
Sample Received Date	2020.05.17	Test Date	2020.06.17-2020.07.31
Manufacturer	VIETNAM CENTER POWER TECH CO.LTD.		
Address	Road 50, Nhon Trach 2 Industrial Zone, Hiep Phuoc Commune, Nhon Trach District, Dong Nai Province, Vietnam		
Factory	VIETNAM CENTER POWER TECH CO.LTD.		
Test address	Unit 102, 4th Building, Hongji e Valley International Enterprises Port, Tongji West Road, Nantou Town, Zhongshan City, Guangdong.		
Test items	See the Table 2		
Test standard	IEC 60896-21:2004 Stationary lead-acid batteries -Part 21: Valve regulated types - Methods of test IEC 60896-22:2004 Stationary lead-acid batteries -Part 22: Valve regulated types - Requirements		
Test Conclusion	The results conform to the requirements of standards and customer with respect to the test items.		
Remarks	There are fifty models (See the Table 1) for application in this report, with the difference being the outer sizes and capacity. All of the tests were performed on ESC100-12 FR (12V100Ah).		
Tested by: Ben	Sign: Ben	2020.07.31	
Reviewed by: John	Sign: John	2020.07.31	
Approved by: Louis	Sign: Louis	2020.07.31	

TRF-HSTF-Q071 B0 Page 2 of 13

FEW CUSTOMERS





Contact Us

- **Head Office:**

808-809, The Corporate Centre,
L.B.S. Marg
Mulund West
Mumbai – 400080
Landline: +91-22-25906223

- **Madhya Pradesh, Chhattisgarh and Nagpur:**

Silvex Exports Pvt. Ltd.
415, President Tower,
6/2 South Tukoganj,
Madhumilan Chouraha, Indore
Madhya Pradesh - 452001

- **Karnataka:**

Silvex Exports Pvt. Ltd.
#215, 13th Main,
Manjunath Nagar,
Bengaluru - 560010

- **Tamil Nadu:**

Silvex Exports Pvt. Ltd.
No 23, Sivasailam Street,
T.Nagar,
Chennai, Tamilnadu -
600017

- **Telangana:**

Silvex Exports Pvt. Ltd.
H No 7-46/A, Bapuji Nagar,
Nacharam, Hyderabad -
500076