

SANVARU

Power Forever

Li3

AA

R03

SIZE

Lithium-ion Battery

Leading Manufacturer of High-power & High-tech Lithium-ion Batteries

Mission & Vision

About Us

Product

Applications

Sectors Catered

Advisory Board Profile

MISSION

We believe customer retention is achieved only when customers are satisfied with our solutions. We started with the sole mission of serving our customers with their battery pack and storage solution-specific needs.

VISION

To build a world with innovatively designed, sustainable energy sources for the better life of future generation.

A. K. SHUKLA

2013

FOUNDER

FOUNDED



MR. SHUKLA is one of the oldest hand in Lithium-ion battery and energy storage systems in India.

He has been in the production of Lithium-ion battery since 2007, and currently holds two decades of sound experience in Electronic industry.

Under his leadership, Sanvaru has grown from scratch to become one of the leading manufacturers of high end Lithium- ion batteries.

Sanvaru serves the power storage needs of important sectors like Solar, Telecom, Railways, and Defence as well as for Consumer Products.

ABOUT US

Sanvaru Technology has been on the horizon for the last 7 years.

We have become the pioneers of customized Lithium ion Battery designs & leading manufacturers of Li ion/LiFePO₄ Battery Packs and Portable Power Products.

SONIPAT (DELHI - NCR)

Manufacturing Unit -HSIDC Kundli Sonipat (HR)

20,000 SQ. FT.

Total Area of Production



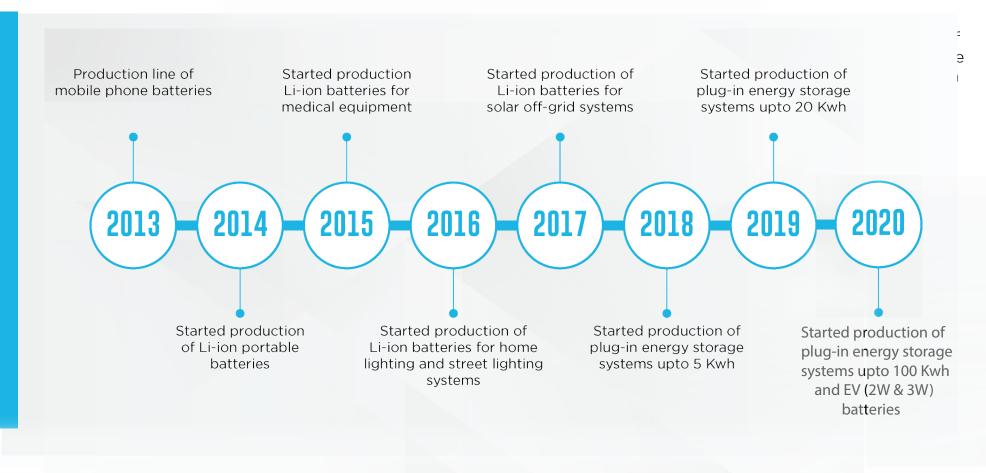
India's leading companies turn to Sanvaru for its consolidated battery and storage solution. In a world where everything runs on batteries, we have mastered the science of manufacturing the best & optimal product using Lithium as an element.

Why Lithium? Because after sound research, it has been discovered as the best solution for batteries, without failing for a longer span & is ideal for outdoor applications. Our suite of high-power Li ion battery designs & solutions offers utilities, maximum capacity, & high-quality incorporated in them.

We have built a team of experts and professionals who help produce our principal products that solve the most critical battery and storage problems and automatically drive deeper customer engagement.



- HISTORY -



ABOUT US

1 Kwh - 50 Kwh energy storage systems for applications across industries

- Present -R&D OF ENERGY STORAGE SYSTEMS OF 100 KWH - 1 MWH CAPACITY

A Trailblazing Story! Is how we describe our journey in this highly competitive, fast pacing, and dynamic industry.



ARUNACHAI PRADES KUNDLI (HO OFFICE) ASSAM BEGAN LUCKNOW ABOUT US 1000 405Halle MARANGA BHAR PURNIA SHE KOLKATA 1HARSHAMD KICHHA JHANSI LUCKNOW TRANKS PARWANOO SUNDARGARH THING SEVNOIDA KUNDLI GURGÃON PANCHKULA GURUGRAM FARIDABAD JHAJJAR OCHITTORGARH JAIPUR MADHIA PRADESH RAIPUR С PRAIASTHAN BHOPAL MANARASHIRA CHARNDIGARH **\$** 6 TELANGANA INDORE RAMPUR TADEPALLI 0 AHMEDABAD ANOHRA PRADESH BHIWANDI BRINKIANA 00 VIJAYNAGARA SUNKADAKATTE NAVI MUMBAI MUMBAI TRANLARDY BANGLORE 0 TAMIL S NADU KERALA HYDERABAD PUNE LAKSHADWEEP (INDIA) Sestablished offices Clients

60MW Li ion/LiFePO₄ batteries production.

42 + Cities of clients in India

- 2 International clients
- 60 + Staff members
 - 7 + Dedicated R&D staff members

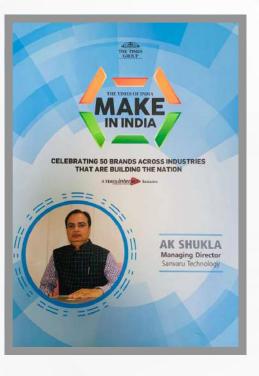
5% of total revenue for R&D

- CERTIFICATIONS -









- CERTIFICATIONS -

QUALITY SYSTEM

POLICY

PHONE BATTERY & POWER BANK.

22 June 2019

Date

SANVARU

TECHNOLOGY

deemed necessary.

SANVARU TECHNOLOGY

ORGANIZATION HEAD

Ref: ISO 9001:2015





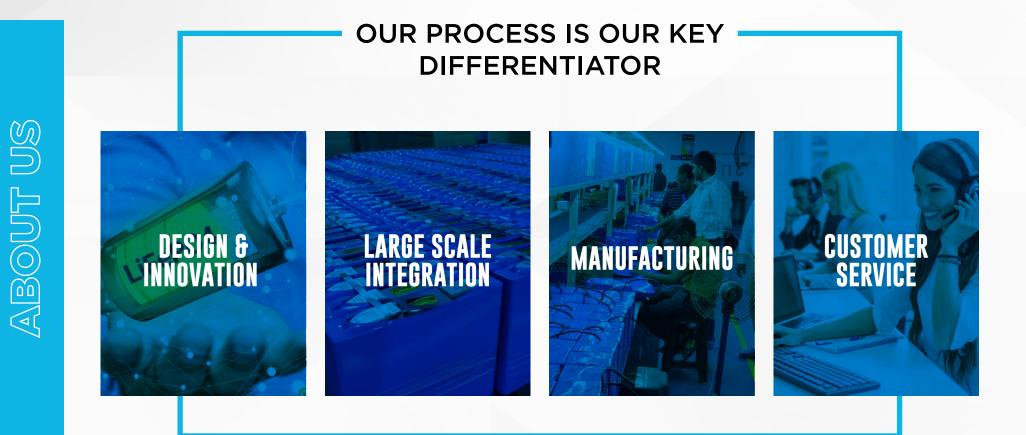
- CERTIFICATIONS -

M.A.J. VINOD) Scientis-C (Reg Dept.) Telefax : +91-11-2222 (856 E-mail: regionrations@bis.org.in



WAL (D. 3234 xt. Renewal of Licence R- \$1000060 as per 15 16046; 2015	Our and BECOS		
nt: Renewal of Licence R- \$1000060 as per 15 16046: 2015		ITRATION/CRS 2016-2622/R-910	200060 Detoit 07-
	Begrest ID: 1437	1	
KANY ARU TECHNOLOGY SRA NO. 79 (K.C. FIBRES LTD CAMPUS) G T ROAD.	Solijett Restel	Sobject: Revision of 15 16046: 2013/TEC 62133: 2002	
ALL KENTRAL SONEAT, HARYANA	MU SANVAR KHASRA NO (K CPIBRES KUNDALL K	LTD CAMPUS) G. T. ROAD, UNDALL, SONIIPAT,	INDIAN REPRESENTATIVE: 54, 3ANVARU TUCINOLOGY KHASBA NO. 79, (X C HIBES LTD CAMPUS J GT ROAD, RI KUNDALL, SONIDAT, HARYANA - DHOD, 54, ASOQK KUMAR SUIALA, PROPRETO
evence to your application noteixed on 16.08.3018 for reserval of the above mentioned licence; Inform you that the parse has been nereved from 01.405/037.2018 to 31.011/ 2020.	HARYANA -	131001, INDIA	97. ASSOR KOMAK SHOKEK, INGTRETO azvizih1256gpnil.com 9717895108
model as per 15 18046.2012 for which you have not effected changeover as per B/S giadelines. Hetel from the scope of your registration.	Duar Sir,		
e noted that the solid learner growted under chase (h) of sub-lection (1) of section 13 of the Act are it the rest of the period for which it is groated unless renewall or its renewall is defended. You office, repeated to apply for next renewal to 55 within three months before the optimation of os.	PORTABLE LI Consequent age	I-ION BATTERV as per IS 16046: on the revision of IS 16046: 2012/ I Benetic and Undertaking sufering	000000 heid to you for the Product SEALED SEC 2012/02/ 42133 2002 under the Branch CRYLON EC 60133 (2002 us 18 10046 2015/EEC 62133 (2 ed by you as per galachines, the changeover to revise protect Authority w.c.f. 02-09-2017 for the followin
	Product 15 No. Brand Modela	SEALED SECONDARY PO 14046: 2015/EC 62113 20 CUVLON 8T-D1, 8T-02, 8T-05, 8T-06	
territorio (Salos	(Augustanes)		contractory and
Yours faithfully,	Other terms & usualitiess of the Registration Scherter reveals the water.		
Sciences & Files Dent.) Tortela: et al.: 222 2005 Email: egittation@Dok.org.in	. Thanking you,		Yours Standard (1) Standard (2) Tolder (1) E-ceall: regionations

. 11		MR La
	Tn.	Dur : 24-08-2018
	Sanvaru Technology	
	Khusrumo. 29(K C Eline Ltd Caregnus) G T Road,	
	Kundli, Sonepar, HR - 131028	
	Suba: Test as per 15-16047: 2012 of Rechargeable	Lithium-inm Plouphate Battery (LiFePO4).
	Ref.: <u>P1-13082020-00(001</u>	
	Der Sir/Madam,	
Ľ	With reference to fir above cited Project ID, we an PI-18982020-000101 doted:24/08/2018 for Rochar (LiFePO4).	n lazewith enclosing Test Report No. grable Litheum-iron Phosphate Battery
	Throking Yeo.	
	Yours Faithfully For, AB MSAI Research Labs Pvt Ltd.	
	FRE, AD MORE RECEIPTING FOR LAR.	
	Compare Da	
	A 70	
	Authorized Signatory	
	3	



PRODUCT

WHY LITHIUM BATTERY SOLUTION? —



4

Fast Charging

Longer Battery Life (Does not require prolonged priming when newly manufactured)

High Power Density Minimal Maintenance (No periodic discharge is necessary)

ALL IN A LIGHTER PACKAGE COMPARED TO TRADITIONAL BATTERY TECHNOLOGY

PRODUCT

LITHIUM-ION BATTERY BY SANVARU TECHNOLOGY





MANUFACTURING FACILITY

Our state-of-the-art manufacturing facility is ideal to provide optimized customization for battery solutions.

6 Semi-automated production lines

30 MW Capacity Li ion/LiFePO₄ batteries

LITHIUM-ION BATTERY BY SANVARU TECHNOLOGY





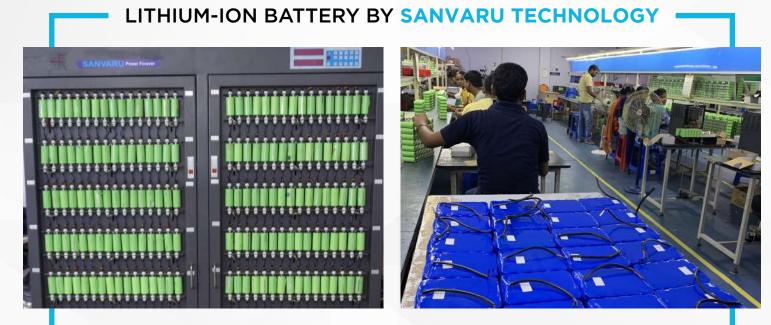
QUALITY ASSURANCE

Li ion/LiFePO $_4$ battery capacity testing

ISO 9000 certified facility

Over 70 trained & certified staff

Continuous training programs for staff



QA CHECK & TESTING

All incoming material is tested at source

All incoming material again tested at the factory

Various QA/QC Standards at every stage of manufacturing

Lean manufacturing

LITHIUM-ION BATTERY BY SANVARU TECHNOLOGY





STANDARDIZATION

BIS certifications

IS 16046:2015 / IEC 62133 : 2012

IS 16047:2012

PRODUCT







FEATURES

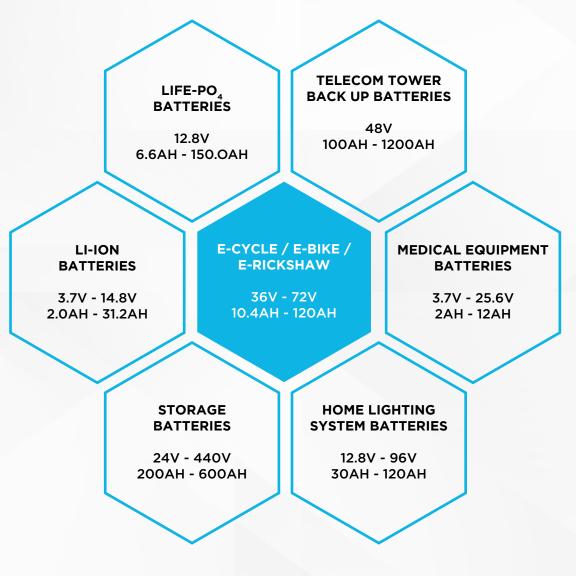
Long Lifetime

Safety

Durability

Easy to Maintain

PRODUCT SPECIFICATIONS



EXHIBITIONS & AWARDS









APPLICATIONS

FROM TELECOM TO MEDICAL EQUIPMENT & APPLICATIONS, OUR PRODUCT CAN BE USED IN VARIOUS ENVIRONMENTS.



Storage Battery Solution



Telecom Green Energy



Lithium power for Consumers Electronics

APPLICATIONS



Smart Lighting Power Solution



Green Mobility



UPS Li-ion Batteries

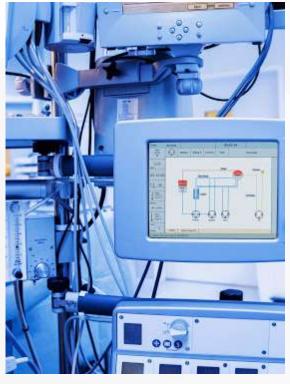
APPLICATIONS



GPS/VTS Systems



Biometrics



Medical Equipment

APPLICATIONS



Electric Vehicles



Storage Solutions with High Energy Density



We offer Customized Solutions as per Client Requirements

SECTORS CATERED



Electronics & Communication



Railway



Defense & Army



Renewable Sources



Industrial Sector



Outdoor Storage & Battery Solutions

ADVISORY BOARD PROFILE



Er. Shailendra Kumar Shukla

Chairman of Chhattisgarh State Power Companies, Vidyut Sewa Bhawan, Dangnia, Raipur. After graduating Engineering from Jawahar Lal Nehru University in 1982, Mr. Shukla embarked on the journey of being one of the finest technocrats in the country. Presently, with 38 years of sound experience in Project Management, Finance Management, working on Institutional Grants, working closely with Bureaucrats and Technocrats, Managing a Company, and with Deep Knowledge about Environment, Power, and Energy issues including mines in India and globally, he has done it all!

His work was recognized by Dr. Abdul Kalam in the field of Biofuel, who also visited Chhattisgarh twice to acknowledge and analyze his research activities. He has been a frequently invited guest as expert faculty and to deliver speeches in top institutes like IIT, IIMS, and Massachusetts Institute of Technology (MIT), Boston, USA.

His major career highlights include establishing a Water Hyacinth based Bio-methanation plant at "Paryavaran Parishar" Bhopal, a first-ever project and plant of its kind in India. The first-ever Kitchen-Waste based Cooking Gas Plant was established in CEAT factory, Gwalior based on his design. Apart from these, Mr. Shukla has done a great deal of contribution through his excellent work and understanding.



Dr. Rakesh Kumar

Vice President of Technology for Specialty Coating Systems, Inc., USA, where he leads the R&D group and manages Parylene R&D activities worldwide. His prior work experience includes Technical and Management positions with United Panel, Inc., Lucent Technologies, and OptronX, Inc. With 30 years of extensive experience in various materials and their applications in the medical, electronics, and semiconductors areas, presently he is involved with the application of materials in the field of medical devices, electronics, MEMS, sensors, and nanotechnology.

Dr. Kumar earned his Doctoral Degree in Organic Chemistry from India and completed his Post-Doctorate work in Polymer Chemistry at the UCL, U.K. He is co-author of a book and has authored several published papers and patents. His personal interests include community service, cultural activities, volunteer work, golf, and photography.



Mr. P. A. Krishnan

Electrical Engineer, graduated from VJTI, Mumbai University. Mr. Krishnan has over 37+ years of experience with Global Leaders like Tata, IBM, HP, NCR, and Siemens- in the Leadership role that has driven growth and led to diversification in these companies globally with his expert competence in the areas of Strategy, Sales & Marketing, Go To Market Understanding, and Leadership Development.

He is a Director & Advisory Board Member at various companies & start-ups. His expertise lies in Coaching, Mentoring, and providing Advisory Services in the areas of Business Strategy, Business Development, Go To Market, Joint Ventures Support in the Government & Corporate sector, Business Specialization, Talent Acquisition and Merger & Acquisition (M&A).



Mr. Anil Nath

B.Tech Chemical Engineering from IIT-Delhi and PGDM from IIM-Calcutta. He has 30 years of experience in various industrial product lines by working with multinational companies across several geographies, which also led to having great exposure to diverse cultural work environments.

Presently, Mr. Nath is an independent consultant and focused on providing Market & Business Development Services to Indian and overseas entities in domestic as well as international markets.

Starting with specialty chemicals, with particular emphasis on polymer additives & refrigerants, he has also worked closely with Chinese organizations and acquired expertise in products such as rechargeable batteries (Li-ion) and mobile devices & accessories. With such wide career expanse, he has built a wide network in international sourcing, especially from China and Russia.



SANVARU TECHNOLOGY

Khasra no. 79, (K. C. Fibre Ltd Campus), G. T. Road, Kundli, Sonipat, Haryana-131028

0130-2219037, 2219039 info@sanvaru.com www.sanvaru.com

####