

COMPANY PROFILE

Head Office 95-12, Noksansaneop-daero, Gangseo-gu, Busan 46752, Korea Phone +82-51-265-0255 Fax +82-51-265-0250 Web Site www.kte.co.kr







Thank you very much.

Aiming at being a world's leading supplier of electrical equipment, we are always decicated to developing and innovating our products and services. CONTENTS

03 Message from KTE

06

History

08

Vision

10 Main Business

12

KTE Technology KHMS Series KMCC Series MCset Okken Marine Control Console Control and Monitoring System Power Management System Side Thruster Naval Equipment Submarine Equipment Energy Storage System

> 34 Service Network



'70-80 Early growth period

1979 Establishment

1984

Localization of Switchboards for KOREAN NAVAL VESSEL

1985

Technical Licence Agreement with NORCONTROL A/S Norway

1986 Technical Assistance Agreement with NMP Corp. USA

1988

Member of I.S.E.S. (International Ship Electrical and Engineering Service Association)

'90 Take-O period

1990

Service Agency Agreement with Nakashima Propeller Co., Ltd. Japan

1993 Awarded a prize of technological excellence from the society of naval architects of Korea

1994 Moved into Dadaepo factory, Busan

1995 Korean Presidential Award of Silver Tower Order of Industry

1996

Acquisition of KT Mark (Korean New Technology) from Korean government

1997

Designation of the factory of Vision 21, the Advanced Technology by Korean government

1999

Designation of the Company of Technology Competitiveness by Korean government Acquisition of ISO 9001 from DNV

'00-10 Transformation period

2000

Acquisition of KOSHA 18000 from Korea Occupational Safety & Health Agency

Licence Agreement with Nakashima Propeller Co.,Ltd. for Thruster

2001

Acquisition of ISO14001 from DNV

2003

Acquisition of OHSAS 18001 from DNV Change the name of company to KTE Co., Ltd. Licence Agreement with Schneider Electric for MCset HV

2004

Moved into a new factory in Noksan Industrial Complex

2006

Switchboard

Designation as a Main-Biz enterprise for management innovation by Korean government

Designation as a Inno-Biz enterprise for technology innovation by Korean government





HISTORY

2007

Awarded a prize of \$30 Million Export Tower from Korean government

2009

Licence Agreement with Schneider Electric for Okken Awarded a prize of \$50 Million Export Tower from Korean government

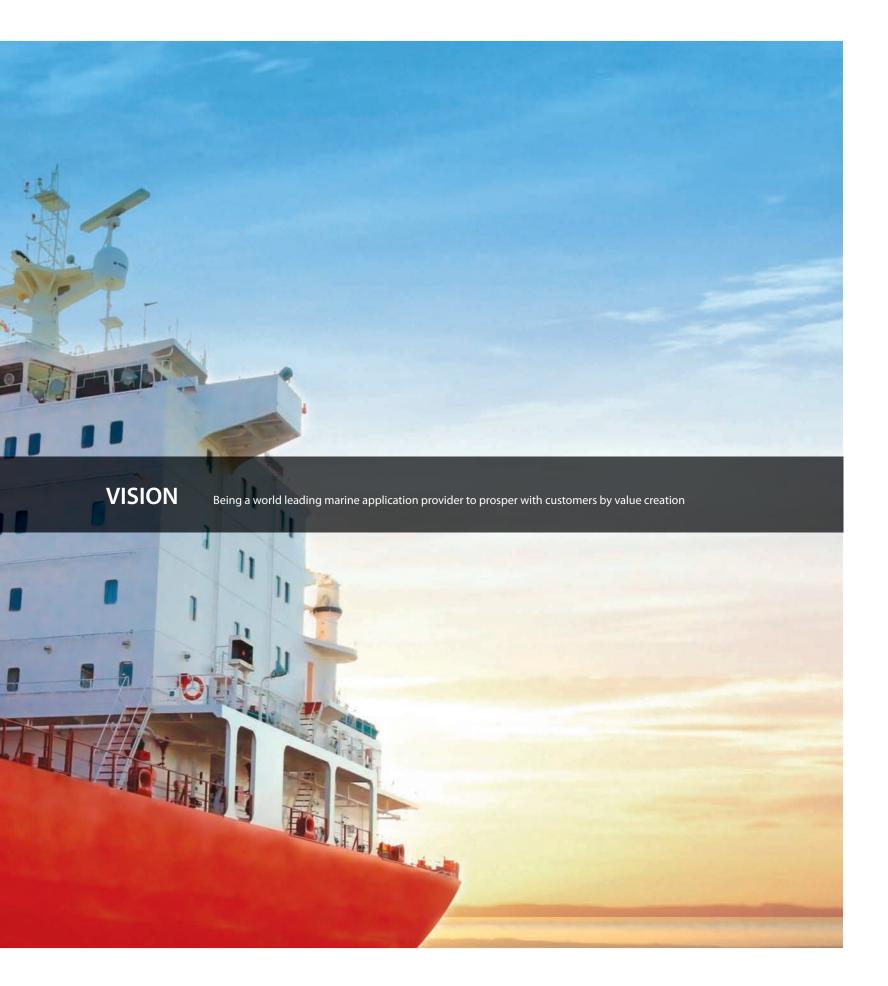
2013 Release new High Voltage Switchboard(KHMS-25A) and Low Voltage Switchboard (KMCC-80A)

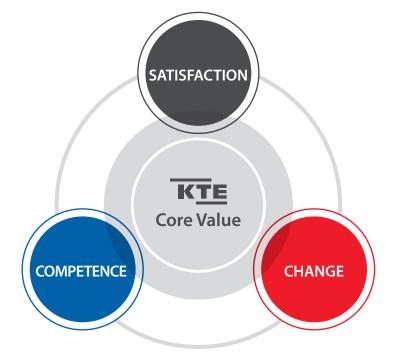
2015

Awarded a prize of \$70 Million Export Tower from Korean government

2016

Release new High Voltage Switchboard (KHMS-40B)





Customer oriented

KTE firmly believes that the prosperity of customers will finally bring KTE success. To maximize customers' satisfaction, KTE will try to provide faithful services and superior products based not only upon advanced technological capabilities and reliable quality but also upon sincere and trustful relationships with customers.

Change for progression

The business environment today becomes more complex due to the rapid changes in the world economy, technologies, severe competitions etc. To keep pace with these changes KTE will continuously employ various process innovation into the organization as well as developing human-resources while maintaining KTE's stable labor-management culture. KTE is convinced that passion of change can generate energy that enables KTE to reach the goals.

Competence to sustain

Maintaining and developing strong competitive advantages are of the utmost important part for KTE's business activities. To sustain its competitiveness KTE will emphasize the technological innovation which can lead the new market trends through the persistent R&D activities, simultaneously creating the brand value for the solid recognition in the global market.

Marine and Offshore

- High Voltage Switchboard
- Low Voltage Switchboard
- Motor Control Center
- Distribution Board
- Engine Room Control Console
- Wheel House Control Console
- Wing Control Console

Naval Equipment

- LV Main Switchboard
- I.C.Switchboard
- Power Load Center
- Integrated Platform Management
 System
- Fuel Cell Control Board

Industrial Plants

- High Voltage Switchboard
- Low Voltage Switchboard
- Motor Control Center
- Distribution Board

Side Thrusters

- Controllable Pitch Propeller
- Fixed Pitch Propeller
- Propeller Controller

Engineering Service

- Member of I.S.E.S
- TAIYO's Shaft Generator
 NAKASHIMA Propeller's Thruster
- Thruster Control System

Ship Automation

- Control and Monitoring System
- Power Management System

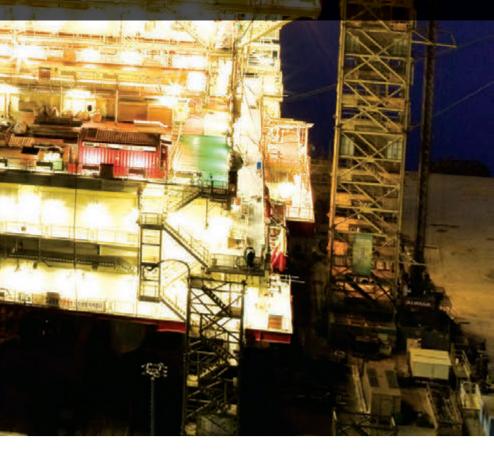
Renewable Energy

- Fuel Cells & Hydrogen Control System
- Energy Storage System



MAIN BUSINESS

ANAMANA



LV SWITCHBOARD



Low Voltage

Main switchboards are not only recognized as useful means of power source protection but also highlighted as central means for controlling power. Specializing in the manufacture of marine electrical equipment, KTE has so far developed various products adapted for the users' needs on the basis of our long year and the latest technology.

Close co-operation with classification societies and maritime authorities combined with innovative design, guality products and worldwide lifetime service makes KTE the perfect partner for your marine projects.









Application

Draw-out unit

Draw-out unit is divided into main circuit instrument room and control circuit instrument room, both of which are safe and enable easy maintenance inspection.

Rules and regulations

KTE has acquired Type Approval Certificate for Low Voltage Switchboard System from Germanischer Lloyd. KTE maritime switchboards also meet the rules and regulations of the classification societies of various countries including ABS, BV, CCS, DNV, LR, GL, RINA, NK and, KR.

Features

Long-life span and reliability

KTE marine switchboards are adaptable to all possible ship conditions as the most reliable components have been chosen on the basis of years of accumulated experiences.

Excellent anti-corrosive coating, baked melamine finish and orderly device arrangement make the switchboards more reliable.

Rigid construction and safety

The switchboards are sufficiently drip-proof and durable against vibration, moisture, heat and shock. From design stage of the products, KTE thoroughly reflects all the safety rules and regulations of international standards and classification societies to the switchboards.

Best suited arrangement

Almost all type of marine switchboards have already been delivered in large quantities. Which means that system satisfies various user requirements and is ready for immediate applications

HV SWITCHBOARD KHMS Series



High Voltage

The KHMS Series is a high voltage metal-clad switchboard commonly used for protection and switching of transformers, motors, generators, capacitors, buses, distribution feeder line and, in general, for protection of any high-voltage power circuit.

KHMS Series's high quality and compact design with easy installation at low cost, for new buildings, are important factors for ensuring complete customer satisfaction. We are dedicated to designing, manufacturing and marketing KHMS Series for the safe and securing customer requirements.

KHMS Series switchboard with withdrawable circuit breaker fully meets the latest standards of IEC and also provides a superior solution for increased worker safety, enhanced reliability and ease of use.

Features

- Metal-clad construction
- · Horizontal isolation, horizontal draw-out Mechanical interlock
- Removable(drawout) circuit breaker
- Fully compartmented construction

User Convenience

- Adaptable solutions tailored to your specific requirements
- Enhanced safety for your personnel and operations
- Effective space utilization
- Significantly reduced maintenance
- Easy installation

Benefits for you

 Low installation cost Compact design Easy installation

 Type approved Technical support Fastest engineering service worldwide



High Voltage Starter(Auto transformer)

General Solutions

- Line current lower than motor current
- Provides high torque per Ampere of line current
- Medium or heavy duty
- 50/60Hz
- 3 Contactors Main, Run, Start
- Includes surge protection
- switching transient protection for autotransformer • Taps 50, 65 and 80% or as required
- Internal arc classified(IEC62271-200)



Internal Arcing Protection

In conformity with IEC 62271-200 No opening / No projection / No tearing No combustion of vertical indicators No combustion of horizontal indicators Operational earthing KHMS-25A : 25kA-1s KHMS-40B : 40kA-1s 3 compartments tested (cables, CB, busbar) 1 Tunnel closed at the two ends





Certifications (certificate of Type test with IEC62271-200Bstandard)



• High Voltage Metal-clad Switchboard up to 7.2kV 25kA • High Voltage Metal-clad Switchboard up to 12kV 40kA

Authorized Certificate

Complies with the following IEC standards :

IEC 60694 : Common clauses for HV switchgear IEC 62271-200 (60298) : AC metal-enclosed switchgear and controlgear for rated voltages above 1kV and up to and including 52kV

IEC 62271-100 (60056) : HV AC circuit-breakers

IEC 60470 : HV AC contactors

IEC 60265-1 : HV switches

IEC 60282-2 : HV fuses

IEC 62271-102 (60129) : AC disconnector and earthing switch

IEC 60255 : Measurement relay and protection device IEC 60044-1 : Current transformers

IEC 60044-2 : Voltage transformers

IEC 60044-8 : Electronic current transformers







LV SWITCHBOARD KMCC Series

Low Voltage

KMCC Series is a withdrawable low voltage switchboard in accordance with IEC 61439-1 standards.

The system provides motor control and power distribution functionality. KMCC Series is a compact, flexible and reliable Low Voltage solution for applications where the supply of energy is vital for your business process.







- Reliable interlocking mechanisms to ensure operational safety / disconnection / test positions.
- Withdrawable in operation to ensure the safety of your operating personnel : safe modification under energized conditions.
- Separated and isolated bus bar compartment to increase operation safety
- Separated and isolated cable compartment
- Upgrade / exchange of functional units without service interruption

User Convenience

- Slide and guide design for optimal compartment guidance
- Applicable to the Intelligent MCC
- High stacking density of motor control and / or power distribution units
- (Max. 13 units in 1 vertical column)
- Intuitive withdrawal mechanics of the compartments
- Modular and flexible design





Application Standard

IEC 61439-1 : Low-voltage switchgear and controlgear assemblies

IEC/TR 61641 : Testing under conditions of arching due to internal fault

Rated currents

Main bus bar(3/4 poles) : Up to 4000A Vertical bus bar(3/4 poles) : 1000A, 1500A Short time withstand current : 85kA, 1s Peak withstand current : 176kA Arc fault withstand current : 80kA, 300ms

Degree of protection IP22, IP44

Forms of internal separations Form : Up to 4b



HV SWITCHBOARD MCset

High Voltage

MCset series for marine and off-shore applications is a complete range of High Voltage standardized units, insulated air metal-clad type ones, for the performing of the following functions.

- Electrical power distribution
- Generator set coupling
- Transformer feed and motor feed

In choosing MCset, you have the key advantage of :

- the extensive experience of the world leader in high voltage
- the host of solutions derived from the most modern concepts



Application

The standard units are

- Incoming and outgoing units with or without voltage transformer(VT)
- Bus-tie with or without voltage transformer(VT)
- Bus riser with or without voltage transformer(VT)
- Motor units.

The staff's safety is ensured by

Availability of an internal arc proof version according to IEC 60298 • Earthing switches with making capacity

- Authorization for the handling of the circuit breaker only with the door closed
- Complete metallic insulation of the functional units
- All the controls on the front of the unit

Features

Marine MCset is a range of modular functional units, each one dedicated to a specific application

Each unit includes

- A metalclad cubicle, composed of several metalic compartments
- A withdrawable breaking device (circuit-breaker, contactor-fuses)
- A dedicated protection and control unit

Easy installation

- Several assembling solutions meet all Marine requirements and lay out or location constraints.
- Ground surface savings : reduced width of cubicles without rear access • Easy front access to busbars and cables connections
- Easy on site extension
- Standardized ground bolting



LV SWITCHBOARD OKKEN

Low Voltage

Okken is a low voltage switchboard designed for use in critical largesite applications:

off-shore platforms, large industrial plants. Okken's safety and high operational dependability are essential for your applications in critical processes, in power distribution as well as for motor control.

Okken is a totally type-tested switchboard, in accordance with IEC 60439-1, and certified by independent labs: LOVAG, ASEFA, CESI and VIRLAB.





A wide range of solutions

Withdrawable device for high power incomers or feeders up to 6300 A

Fixed for economical low-power feeder applications. Disconnectable up to 630 for a high upgradability

Plug-in up to 630 for fast interchangeability without handling the power cables **Drawers** for highest availability and safety of electrical distribution and motor





Okken o ers di erent protection levels : IP31 / IP41 / IP54, appropriate to the environmental characteristics of your installation.

Okken High Safety and Availability Switchboard up to 6300 A

Okken's modular design makes it easier to use for main switchboard power distribution up to 6300 A, as well as for the control and monitoring of motors up to 250 KW. It allows a combination of di erent types of feeders in the same column.

- High dependability and low voltage switchboard
- Okken is a low voltage switchboard designed for use in critical large-site applications:
- Off-shore platforms
- Large industrial plants



Drawers



Disconnectable or Plug-in Polyfast



Fixed type cubicle



Variable speed drives



Power factor correction



Fuses cubicle



230 and 115 Masterpact cubicle

MARINE CONTROL CONSOLE

From Design Features to Operational Efficiency

KTE, a highly-specialized manufacturer of marine equipment, produces control consoles which assure safe ship navigation along with switchboards and starters.

With splendid appearance and simplified arrangement several hundreds of Control Consoles have been delivered to vessels sailing all over the world.





Rigid construction and good appearance Designed for marine applications, the consoles are sufficiently drip-proof and durable against vibration and shock and are constructed for easy installation. Excellent anti-corrosive coating, baked melamine finish and orderly device arrangement produce a superb appearance.

Easy inspection and maintenance

Features

Long-life span and high performance

KTE marine control consoles are adaptable to all possible ship conditions. They are highly resistant to vibration, moisture and temperature, employing parts chosen on the basis of our high technology and accumulated experience. Thus, long-life span and high performance are ensured.

Optimum arrangement

For easy monitoring and operation, the layout of the panel surface is sectioned for separate group apparatuses, such as the main engine, the boiler and the auxiliary machinery. This arrangement can fully meet user's requirements.







To work closely together with our precious customers, people in KTE will devote themselves. KTE is well aware of the fact that a company's future is under customers' thumbs. Therefore, CUSTOMER SATISFACTION should be taken into account FIRST in all matters.

The arrangement of the parts in the console and the wiring facilitates inspection and maintenance.

CONTROL AND MONITORING SYSTEM



UNOSYS-C100

UNOSYS-C100 is a control and monitoring system.

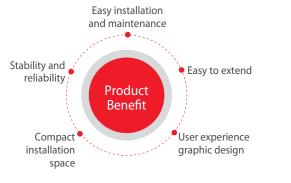
This system is designed by standard modules communicating on serial instrument net, local area network and local operator network. It is adaptable for all types of ships. The main purpose of the system is to give ships all the basic alarms and status information they require in order to maintain safe and efficient operation of the machinery. The system is designed as a redundant system for the sake of stability and reliance. The system is designed to meet the classification society's requirements. The design conforms to all rules and regulations and all modules are type approved.

Product Benefit

- User-friendly graphic interface.
- Support the interface for other shipboard system using serial and Ethernet line.
- Cost effective solutions that can be tailored to owner requirements.

• Stability and reliability.

- Distributed control process and I/O acquisition and external communications.
- Support the redundant process network and CPU.
- Easy installation and maintenance.
- Reduce the cabinet size using small size I/O module. - Provide the easy maintenance.
- Easy Installation and extension.



Bridge Accommodation Workstation (Client) Extension Alarm Unit Image: Client) Engine Main Processing Unit Image: Client) Redundancy Communication Unit Redundancy Dual Process Network Machinery Input/Output Input/Output Imput/Output Input/Output Imput/Output

KTE Technology

POWER MANAGEMENT SYSTEM



Power Management Function

Load dependent start/stop

Auto parallel running by heavy load Auto parallel running cancellation by light load

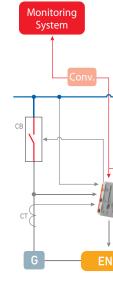
Auto load sharing

Proportional load sharing (Default) Optimum load sharing Fixed load sharing

Power control

Bus frequency control Load sharing control Active/Reactive power control Power factor control

System Overview



Graphic interface

UNOSYS-C100 provides user-friendly graphic interface.

- Alarm display shows the alarm list and control for each alarm setting parameters.
- Mimic display shows the P&ID for each ship and apply owner requests.
- Easy control trend display shows log data for analog and digital data.
- View display supports text box view, gauge view and bar view for user selected alarm point.
- Display mode supports day and night mode.



UNOSYS-P100

UNOSYS-P100 Power Management System is a Digital signal controller for switchboards, generators and circuit breakers control. The system performs normal functions necessary to manage each generator in order to balance power generations and power consumptions. The PMS is interfaced with the main switchboards through hardwire (digital inputs or outputs and analog inputs) and interfaced with a external system through serial communication link or Ethernet.

Standby generator start/stop

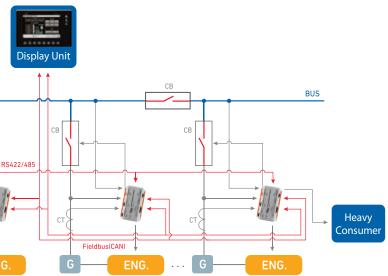
Generator start by heavy consumer handling Standby generator start following alarm Auto changeover by bus abnormal

Generator protection

Over current protection Reverse power protection Short circuit protection Preferential trip

Bus tie control

Bus tie open according to ACB abnormal trip Bus tie recovery according to power restoration







SIDE THRUSTER

Greater thrust while being more compact in size.

Our model is completely newly designed thruster based on our vast experience and achievements.





Features

Greater thrust

As a result of tank tests and improvements in both design and strength of the blades, we have created a thruster with much greater thrust than conventional ones of the past.

Easy installation

Reduction in the thruster length has made it possible for the thruster to be installed to the forward part of the bow section of the ship compared to conventional ones. This gives the ship a great turning moment.

Minimum vibration and low noise

Utilizing our unique forward-skew design for the thruster's blades and the results of many tank tests enabled outstanding progress in low noise and reduced vibration.

Easy maintenance and inspection

Propeller blade replacement can be conducted in the duct easily by removing the blade bolts.

The thruster body can be dismounted in the duct, shifted outside and inspected on shore.

Adoption of the same oil for lubrication and pitch control brings easy maintenance for the thruster.

User Convenience

Auto blade angle control (Follow up control)

Main function of this system is to control blade angle with command value. That is to say, this system controls blade angle automatically with command when follow up control algorithm is used.

Manual control (Non-follow up control)

In this system, blade angle can be basically controlled by means of recognizing angle that users input with CPU and controlling automatically with follow up control algorithm and another operation isn't necessary.

Auto load control

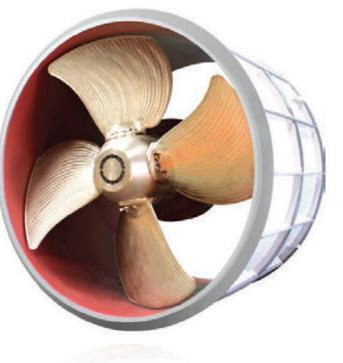
This is function to protect an overload which is made after running an electromotor. It can be controlled automatically by the limit of maximum allowed-current, Proportional gain and Integral gain.

Zero pitch system

During voyage of the vessel, sometimes the propeller is rotated by the tide(the seawater coming into the thruster tunnel) and the pitch is moved out of the zero position. In this situation, the hydraulic pump automatically will be started and the pitch is kept in zero.

coming or going alongside the pier. The main function of this product is to

Wing Unit



NAVAL EQUIPMENT

Electrical Equipment for the Navy

KTE marine electrical equipment has already been recognized not only by major classification societies but also by leading ship authority around the world. As a specialized manufacturer with many years of marine and shipbuilding experience, KTE's technology is also utilized in naval vessels such as LPX, submarines, minesweepers.

KTE has continuously provided naval equipment such as main switchboard, IC switchboard, training simulator, power converter, control system, etc. for the Republic of Korea Navy for decades.



Safety & Reliability

KTE's rigid and sturdy switchboard ensures the safe and reliable distribution of electricity on board naval vessels.

All products are specially designed in accordance with the requirements of military standards, nation & international standards and tested by means of trials and qualification tests. Also, it is made to handle harsh environments such as vibration, mechanical shocks, cold, heat, humidity, corrosion, etc. In Compliance with US-MIL-STD requirement & NATO STANAG requirement.







Main Switchboard for MSH(Mine Sweep Hunter)



Main Switchboard for UK MARS

SUBMARINE EQUIPMENT

INTEGRATED PLATFORM MANAGEMENT SYSTEM (IPMS)

The IPMS is a computer system used for one man control and monitoring of the plants and devices of the submarine in an easy way.

AUXILIARY SWITCHBOARD WITH PROPULSION CONTROL UNIT

AUX. Switchboards distribute the electrical energy to the entire consumers on board and contain all necessary electrical devices for a safe and reliable power supply.

Propulsion Control Unit contains all electrical equipments and functional groups, necessary to activate, control and monitor the Propulsion Motor and its auxiliary systems.

POWER CONVERSION EQUIPMENTS (PCE)

PCE converts high voltage DC to low voltage DC or AC in order to supply electrical power to the necessary devices.

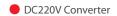


• Auxiliary Switchboard with Propulsion Control Unit

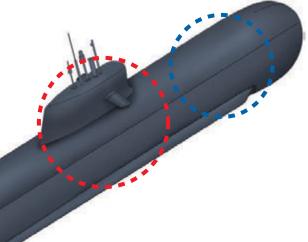












Intergrated Platform Management System(IPMS)

ENERGY STORAGE SYSTEM





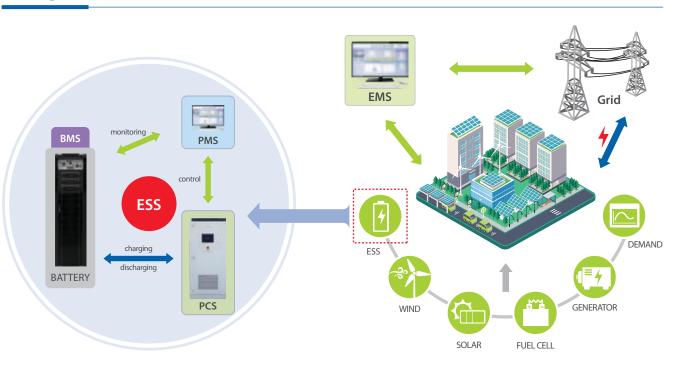


Battery

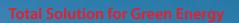
Power Conditioning System

Division	
Application	- Demand Response (DR) - Renewable Integration
Configuration	 Battery : Li-ion Battery for PCS(Power Conditioning the grid is converted to - EMS(Energy Manageme PCS and watt hour meter

Microgrid







Stores the generated power in a storage device (battery, etc.) and improves the energy efficiency by supplying it when necessary. It is a core technology for stable power supply, expansion of renewable energy and implementation of smart grid.







Integrated SWBD



Contents

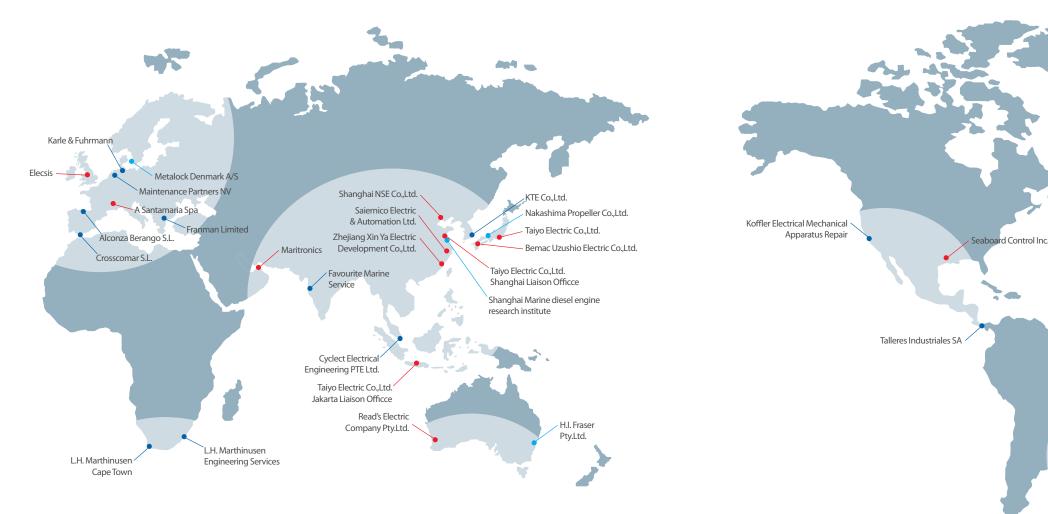
R) : Reduce the peak load.

(RI) : Stabilize output of new & renewable energy sources.

for storage power.

ng System) : The power between the energy source and the battery and o enable charging and discharging.

ent System) : Integrally manages the status and information of the battery, ter.



* I.S.E.S(International Electrical & Engineering Services Association) network available.

• Franman Limited China • Saiernico Electric & Automation Ltd. **Denmark** • Metalock Denmark A/S Japan • Bemac Uzushio Electric Co.,Ltd. | Panama Athens • TEL:+30-210-9532350 TEL:+86-511-8888-3508 TEL : +45-4373-6620 TEL:+81-898-25-8630 FAX:+86-511-8888-2561 FAX:+45-4373-6625 FAX:+81-898-25-8631 FAX:+30-210-9532 355 www.franman.gr www.saiernico.com www.metalock.dk www.bemac-uzushio.com Australia • Read's Electric Company Pty. Ltd. • Shanghai NSE Co.,Ltd. Dubai Maritronics • Nakashima Propeller Co.,Ltd. Singapore • TEL:+61-8-9335-9344 TEL:+86-21-5858-4430/4431 TEL:+971-4-3247500 TEL:+81-86-279-5111 FAX:+61-8-9335-9465 FAX:+86-21-5858-4332 FAX:+971-4-3242500 FAX: +81-86-279-3595 www.Readselectric.com www.nse.net.cn www.maritronics.com www.nakashima.co.ip • H.I. Fraser Pty. Ltd. • Shanghai Marine diesel engine **Germany** • Karle & Fuhrmann • Taiyo Electric Co.,Ltd. TEL:+61-2-9970-7322 TEL:+49-471-97919-0(24/7) TEL:+03-3293-3061 research inst FAX:+61-2-9913-7207 TEL:+86-21-3131-0307 FAX:+49-471-97919-50 FAX: +03-3292-7002 South Africa www.karle-fuhrmann.de FAX:+86-21-5171-1737 www.hifraser.com www.taiyo-electric.co.jp Maintenance Partners NV www.csic-711.com • Favourite Marine Service Jakarta • Taiyo Electric Co.,Ltd. Belgium India TEL:+32-3-544-3235(24/7) • Taiyo Electric Co.,Ltd. TEL:+91-222-372-0780/ Jakarta Liaison Office Shanghai Liaison Office 372-4164 / 377-0319 TEL: +62-21-629-7074 FAX:+32-3-542-3035 www.maintenancepartners.com TEL:+86-21-62415961 FAX:+91-222-374-1992/ FAX: +62-21-629-7045 Metalock Brasil FAX: +86-21-62346939 460-7046 www.taiyo-electric.co.jp Brazil TEL:+55-13-3226-4686 www.taiyo-electric.co.jp www.favouritemarine.com Korea • KTE Co.,Ltd. FAX:+55-13-3226-4680 • Zhejiang Xin Ya Electric TEL:+82-51-600-3516 Italy • A Santamaria Spa www.matalock.com.br Development Co.,Ltd. TEL:+39-335-6515928 FAX: +82-51-265-0250 TEL:+86-58-0309-1119 UK www.a-santamaria.it www.kte.co.kr Elecsis Tel :+44-1278-427374 FAX:+86-58-0309-1157 Fax : +44-1278-453198 www.xy-cd.com www.elecsis.com



Customers are recommended to contact KTE first

SERVICE NETWORK



* Schneider's CIS(Customer International Support) network also available everywhere in the world for HV Switchboard, Okken & all the Schneider's products.

Talleres Industriales SA TEL: +507-433-9500 & 445-1044 FAX: +507-445-1104 www.talleresindustriales.com Cyclect Electrical Engineering PTE Ltd. TEL: +65-6863-6877 / 9003-6992 / 9003-9039 (24/7) FAX: +65-6863-6260 www.cyclect.com.sg L.H. Marthinusen Cape Town TEL: +27-21-555-8660 FAX: +27-21-555-8686 www.lhm.co.za L.H. Marthinusen Engineering Services TEL: +27-31-205-7211 FAX: +27-31-205-7339 www.lhm.co.za	Spain United States	 Alconza Berango S.L. www.alconza.com Crosscomar S.L. TEL: +34-956-675-200 FAX: +34-956-675-118 www.crosscomar.com Seaboard Control Inc. TEL: +1-281-328-8620 FAX: +1-281-328-7832 www.seaboardcontrols.com Koffler Electrical Mechanical Apparatus Repair TEL: +1-510-567-0630 (24/7) FAX: +1-510-567-0636 www.koffler.com
	Electrical service available Mechanical service available	

• Electrical & Mechanical service available