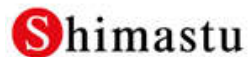


# i Intertrade Co., Ltd

## COMPANY AND PRODUCT OVERVIEW

### JAPAN TECHNOLOGY



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 Professional Power & Energy system



## i Intertrade Company Limited Professional Power Backup System

บริษัท ไอ อินเตอร์เทรด จำกัด ผู้นำเข้า ผลิตภัณฑ์แบตเตอรี่แห่งสำรองไฟฟ้า ภายใต้ชื่อ Shimastu ซึ่งเป็นผู้เชี่ยวชาญในการผลิตแบตเตอรี่แห้งชนิด Sealed Lead Acid มาตั้งแต่ปี 2001 ด้วยบุคลากรผู้เชี่ยวชาญกว่า 350 คน และเทคโนโลยีการผลิตขั้นสูงจากประเทศญี่ปุ่น พร้อมด้วยทีมบริหารและ วิศวกรอเนกด้วย ประสิทธิภาพจาก Yuasa ซึ่งเคยบริหารและทำงานใน Yuasa มาเป็นเวลา 7 ปี จึงทำให้มีกระบวนการผลิต ด้วยเทคโนโลยีขั้นสูงจาก เครื่องจักรอันทันสมัยเหนือกว่า แบตเตอรี่แห้งยี่ห้ออื่นทั่วไป

แบตเตอรี่แห้ง Shimastu สามารถใช้สำหรับระบบสำรองไฟฟ้าต่างๆ เช่น UPS, Emergency Light, Alarm & Security System, Solar System, ระบบโทรคมนาคม และอุปกรณ์อิเล็กทรอนิกส์อื่น ๆ โดยได้รับใบรับรองคุณภาพมาตรฐาน ISO9001, ISO14001, UL, CE และ RoHS

ดังนั้นท่านจึงมั่นใจได้ว่าจะได้รับสินค้าที่มี "คุณภาพในราคาที่เหมาะสม" และตรงตามคุณสมบัติที่ต้องการ จากโรงงานผู้ผลิตที่มีมาตรฐาน และเทคโนโลยีการผลิต จากประเทศญี่ปุ่นอย่างแท้จริง อีกทั้งบริษัท ไอ อินเตอร์เทรด ยังเป็นผู้เชี่ยวชาญ และ พร้อมให้คำปรึกษา ในด้านระบบสำรองไฟ (Power Backup System) ด้วย ทีมวิศวกรมืออาชีพทำให้ท่านสามารถมั่นใจได้ทั้งในเรื่องของคุณภาพและความสะดวกสบายแบบ One Stop Service



RoHS CE



**Shimastu**

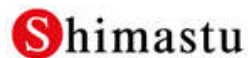
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Professional Power & Energy system



- Provide Shimastu battery (We are Exclusive Authorized distributor in Thailand)
- Provide Battery accessories such as battery cabinet/rack, Battery Intercell, Battery Cable
- Battery test and commissioning
- Battery Maintenance (IEEE Standard)
- System integrator and Provide UPS, Charger system
- Consulting and design Battery, UPS, Charger, Power protection, Electrical system
- LV, MV Secure power after sale service and advisory
- Acceptance test room for battery, UPS, Charger

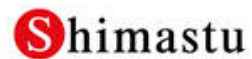


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## SHIMASTU ENERGY FOR THE WORLD



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## NP Series

**Voltage covers:** 2V, 4V, 6V, 12V

**Capacity:** From 0.5Ah to 21Ah

**Design life at floating condition:** 5 years @ 20-25 °C

### RANGE SUMMARY

**NP Series** By combining a newly developed corrosion resistance alloy and advanced curing process, Shimastu created a range of long life batteries - Duration range. The range features top terminal and offers 5 years design life. This series is highly suited to UPS system, switchgear, CATV and telecommunication system applications.

### FEATURES AND BENEFITS

- Special lead calcium alloy grid, flat plates
- Low resistance, microporous glass fiber separators
- ABS containers and cover
- Internal low pressure security valves
- Fast-on terminal
- Multi-position installation
- Wide temperature range
- Reliability
- Wide range of applications
- Non-spill
- Sealed and Maintenance-free Operation
- High Quality and High Reliability
- Low Self-discharge
- Long Service Life
- Solid Copper Terminals
- Thick Plates

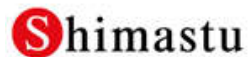
### CONSTRUCTION

Positive plate - Standard Pb-Ca-Sn alloy  
Negative plate - Balanced Pb-Ca grid for improved recombination efficiency  
Separator - AGM separator  
Electrolyte - Dilute high purity sulfuric acid  
Battery container and cover - ABS  
Pillar seal - 100% factory tested, proven two layers epoxy resin seal  
Relief valve - Self sealing rubber cap valve with proven reliability



### APPLICATIONS

Fire Alarm Systems  
Communication Equipments  
Control Equipments  
Security Systems  
Medical Equipments  
UPS systems  
Power Tools  
Toys  
Emergency Power Systems



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## NP Series

**Voltage covers:** 6V, 12V

**Capacity:** From 24 Ah to 250Ah

**Designed floating service life:** 10 years @ 25 °C

### RANGE SUMMARY

By combining a newly developed corrosion resistance alloy and advanced curing process, Shimastu created a range of long life batteries - Duration range. The range features top terminal and offers 10 years design life. This series is highly suited to UPS system, switchgear, CATV and telecommunication system applications.

### FEATURES AND BENEFITS

- Special lead calcium alloy grid, flat plates
- Low resistance, microporous glass fiber separators
- ABS containers and cover
- Internal low pressure security valves
- Fast-on terminal
- Multi-position installation
- Wide temperature range
- Reliability
- Wide range of applications
- Non-spill
- Sealed and Maintenance-free Operation
- High Quality and High Reliability
- Low Self-discharge
- Long Service Life
- Solid Copper Terminals
- Thick Plates

### CONSTRUCTION

Positive plate - High Sn low Ca grid to resist corrosion and prolong life

Negative plate - Balanced Pb-Ca grid for improved recombination efficiency

Separator - Advanced AGM separator for ultra low float current

Electrolyte - Dilute high purity sulfuric acid

Battery container and cover - ABS

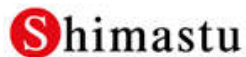
Pillar seal - 100% factory tested, proven two layers epoxy resin seal

Relief valve - Complete with integrated flame arrestor



### APPLICATIONS

Cable Television  
Communication Equipments  
Electric Power Systems  
Security Systems  
UPS systems  
Control Equipments  
Medical Equipments  
Emergency Power Systems  
Power Plant



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## NPH Series

### HIGH RATE DISCHARGE VRLA BATTERY

**Voltage covers:** 6V, 12V

**Capacity:** From 21-885W/Cell

**Design life at floating condition:** 10 years @ 25 °C

#### RANGE SUMMARY

By combining proprietary high rate plate design with low internal resistance AGM separators, Shimastu created the innovative High Rate range of batteries. This range offers extremely high power output at 15 minutes backup time with 10 years design life and is highly suited to high rate UPS and power switchgear applications .

#### FEATURES AND BENEFITS

- Non-spill
- Positive and Negative plate in lead-calcium tin alloy
- Superior energy density and very high power output
- Operates at low internal pressure
- High Quality and High Reliability
- Long Service Life
- Solid Copper Terminals
- Thick Plates
- Computer-aided Design and Manufacturing

#### CONSTRUCTION

Positive plate Special designed grid with Pb-Ca-Sn alloy  
Negative plate - Balanced Pb-Ca grid for improved recombination efficiency  
Separator - Low internal resistance  
AGM separator  
Electrolyte - Dilute high purity sulfuric acid  
Battery container and cover - ABS  
Pillar seal - 100% factory tested, proven two layers epoxy resin seal  
Relief valve - Complete with integrated flame arrestor

#### APPLICATIONS

Alarm Systems  
Communication Equipments  
Control Equipments  
Security Systems  
Medical Equipments  
UPS systems  
Power Tools  
Toys  
Emergency Power Systems



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## NPC Series

### DEEP CYCLE VRLA BATTERY

**Voltage covers:** 6V, 12V

**Capacity:** From 5Ah to 250Ah

**Design life at floating condition:** 10 years @ 25 °C

#### RANGE SUMMARY

By combining up-to-date NPC additives in the positive plates and special AGM separators, Shimastu created an innovative range of DC batteries. This range features 70% higher cyclic life with 10 years of float life when compared with the standard Duration range. This series is highly suited to very unreliable power applications requiring the batteries to provide extra cyclic life performance such as outdoor applications, small RE systems and electric vehicles

#### FEATURES AND BENEFITS

70% more cyclic life through innovation at the PAM additives  
Long life expectancy of 10 years at floating condition @ 25 °C  
Thick flat plate with high Tin low Calcium alloy  
Wide operating temperature range from -15 °C to 50°C  
Low self-discharge rate and long shelf life (1 year at 25°C)  
Excellent deep discharge recovery capability

- Non-spillable
- Superior Deep Cycle Design;
- High Power Density;
- Thick Plates and High-density Active Material;
- Longer Life in Deep Cycle Applications;
- Excellent Recovery from Deep Discharge.

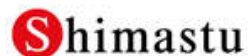


#### CONSTRUCTION

Positive plate - Thick high Sn low Ca grid with special paste  
Negative plate - Balanced Pb-Ca grid for improved recombination efficiency  
Separator - Advanced AGM separator for high pressure cell design  
Electrolyte - Dilute high purity sulfuric acid  
Battery container and cover - ABS  
Pillar seal - 100% factory tested, proven two layers epoxy resin seal  
Relief valve - Complete with integrated flame arrestor

#### APPLICATIONS

Electric Powered Vehicles  
Golf Cars and Buggies  
Wheel Chairs  
Power Tools  
Electric Powered Toys  
Control System  
Medical Equipments  
UPS systems  
PV applications



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## GEL Series

### GEL Standard and GEL deep cycle

**Voltage covers:** 6V, 12V

**Capacity:** From 24Ah to 250Ah

**Design life at floating condition:** 10 years @ 25 °C

#### RANGE SUMMARY

By combining the newly developed nano gel electrolyte with high density paste, Shimastu created an innovative range of Solar batteries. This range offers high recharge efficiency at very low charge current. The acid stratification is highly depressed by adding of gel. This range is highly suited to energy storage for renewable energy such as PV and wind turbine power systems applications .

#### FEATURES AND BENEFITS

- Wide margin of function temperature
- Low self-discharge rate
- No delamination phenomena in the electrolyte
- Heat loss control phenomena is rare happen
- Equalized current distribution, the active material not easy to fall off
- The lead plate hard to distortion under overcharge condition
- Excellent performance in resisting
- deep discharge
- No leakage phenomenon

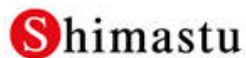


#### CONSTRUCTION

Positive plate - Thick high Sn low Ca grid with high density paste  
Negative plate - Over designed  
Separator - Advanced AGM separator  
Electrolyte - Dilute high purity sulfuric acid with nano gel  
Battery container and cover - ABS  
Pillar seal - 100% factory tested, proven two layers epoxy resin seal  
Relief valve - Complete with integrated flame arrestor

#### APPLICATIONS

Photovoltaic systems  
Renewable Energy Systems  
Electric Utilities  
Outdoor control Equipments  
Railroad Utilities



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## FA series

**Voltage covers:** 12V

**Capacity:** From 55Ah to 200Ah

**Design life at floating condition:** 10 years @ 25 °C

### RANGE SUMMARY

By combining the newly developed paste formula with up-to-date AGM structures, Shimastu created the innovation FA range of batteries. This range features 10 years design life and front access connection for fast, easy installation and maintenance. This series is highly suited to telecom applications, UPS systems and other back up applications

### FEATURES AND BENEFITS

- High spec, Special lead calcium alloy grid, flat plates
- Low resistance, microporous glass fiber separators
- ABS Class fvo containers and covers
- M6 Front terminals
- Monobloc with integrated handle
- Internal low pressure safety valves
- Remove Venting System on demand
- Upper surface connection option
- Long working life
- Ultra low power loss in standby
- Compact and flexible use
- Non-spilla
- Low Internal Resistance
- Lower Self Discharge
- Longest Available Standby Life
- High Energy Density
- High Quality and High Reliability

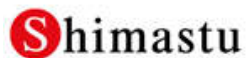
### CONSTRUCTION

Positive plate - Thick high Sn low Ca grid minimize corrosion and prolong life  
Negative plate - Balanced Pb-Ca grid for improved recombination efficiency  
Separator - Advanced AGM separator for ultra low float current  
Electrolyte - Dilute high purity sulfuric acid  
Battery container and cover - ABS  
Pillar seal - 100% factory tested, proven two layers epoxy resin seal  
Relief valve - Complete with integrated flame arrestor



### APPLICATIONS

Telecom  
Control Equipments  
UPS systems  
Communication Equipments  
Medical Equipments  
Emergency Power Systems



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## STXL Series

**Voltage covers:** 2V

**Capacity:** From 100Ah to 3000Ah

**Design life at floating condition:** 20 years @ 25 °C

### RANGE SUMMARY

By combining the service life reliability of a flooded battery with the performance energy density of a valve-regulated battery, Shimastu created a true long service life VRLA battery - the LSE range. This range offers 15 years design life with very good cycling capability, and it is highly suited to telecom, UPS, renewable energy system, power stations and similar applications

### FEATURES AND BENEFITS

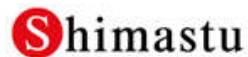
- High spec, Special lead calcium alloy grid, flat plates
- Microporous, glass fiber separators
- ABS Class fvo containers and covers
- M6 or M8 threaded insert female terminals
- Cover with integrated handle
- Internal low pressure safety valves
- Long life with high reliability
- Operational safety
- Low Voltage drop
- Versatile installation
- Long range
- Non-spillable
- Long Service Life, Float or Cyclic
- Low Pressure Venting System
- Low Self Discharge
- Heavy Duty Grids

### CONSTRUCTION

Positive plate - Standard Pb-Ca-Sn alloy  
Negative plate - Balanced Pb-Ca grid for improved recombination efficiency  
Separator - AGM separator  
Electrolyte - Dilute high purity sulfuric acid  
Battery container and cover - ABS  
Pillar seal - 100% factory tested, proven two layers epoxy resin seal  
Relief valve - Self sealing rubber cap valve with proven reliability

### APPLICATIONS

Telecom  
Electric Utilities  
Control Equipments  
Security Systems  
Medical Equipments  
UPS systems  
Railroad Utilities  
Photovoltaic Systems  
Renewable Energy System



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## OPzV Series

**Voltage covers:** 2V

**Capacity:** From 100Ah to 3000Ah

**Design life at floating condition:** 20 years @ 25 °C

### RANGE SUMMARY

By combining the newly developed tubular positive plates with fumed gelled electrolyte. The range offers 20 years design life and very high deep cycling capabilities. This range is recommended for telecom outdoor applications, renewable energy systems and other harsh environment applications.

### FEATURES AND BENEFITS

- >> adopt tubular plate with GEL technology
- >> longest lifespan under deep discharge
- >> Strong temperature resistance performance
- >> Better charge reception capability
- >> 20 years design life

### CONSTRUCTION

Positive plate - Tubular plate with die cast Pb-Ca alloy grid

Negative plate - Balanced Pb-Ca grid for improved recombination efficiency

Separator - leaf shape polymer separator

Electrolyte - Dilute high purity sulfuric acid with fumed Silica gel

Battery container and cover - ABS

Pillar seal - 100% factory tested, proven two layers epoxy resin seal

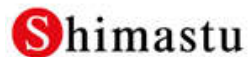
Relief valve - Complete with integrated flame arrestor

**Shimastu**



### APPLICATIONS

Telecom  
Electric Utilities  
Control Equipments  
Security Systems  
Medical Equipments  
UPS systems  
Railroad Utilities  
Photovoltaic Systems  
Renewable Energy System



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# FAAM BATTERY

## FLOODED



## VRLA GEL



## VRLA AGM



## LITHIUM



## Starter Power

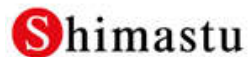
Advanced technology, more and more energy available, long lasting, power and reliability. FAAM, with its Power, Energy, Heavy Plus and Motorcycles lines, responds to the needs of the Starter world, from private to commercial, from professional to recreational use, offering products both in Flooded and AGM products. Accumulators are not all the same and choosing the right usage battery for the right need is one of the best guarantees for a pleasant and safe driving. That's why we provide a wide range of innovative mechanical, electrical and chemical products.

## Motive Power

More and higher energy demand, increasing the rise in the required operating life, energy saving. These are the drivers of the new TOP Endurance and TTM Tubular Traction Maxi Advanced Lead Technology ranges, available in both DIN and BS standards. For intensive and heavy cyclic use and high availability – electric-driven vehicles, leisure vehicles, energy storage from renewable sources etc - FAAM proposes the Traleg Heavy Plus Technology range. Long life, fast charging and maintenance free are the features of our innovative LiPower lithium solution for Motive Power applications.

## Stand-by Power

Extreme conditions of use and temperatures, wide range of applications - from telecommunications, infrastructure, by emergency systems, security, reporting, to stand alone islands of renewable energy etc- require reliable storage solutions, long-life performance and versatile. FAAM responds with a wide range of state-of-the-art Stand-By products, on Flooded, GEL and AGM technologies. Our high energy efficiency storage system, Listore, completes the offer, enabling the implementation of self-consumption and energy self-sufficiency.



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# FAAM BATTERY

## FHP

### FEATURES

- Flat plate Pb/Ca/Sn
- Ultra-low electrical resistance separators
- Anti-incendiary device (corundum)
- ABS FV0 container and lid
- Cover with integrated handle
- M5-M6-M8 female threaded terminals
- Unidirectional safety valves with internal low pressure

### Official References

CEI IEC 60896 part 21 and 22  
BS 6290 part 4 BS 6334 (FV0)  
DIN 43539 T5  
EUROBAT "High Performance"  
( >10-12 years)  
EN 50272-2  
UL 1989



Flat  
Plate



Block  
Battery



100%  
Recyclable



Wide  
Range



Versatile  
Installation



Low  
Self Discharge



High  
Efficiency



High  
Life Cycles

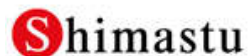


Green  
Battery



VRLA

## Shimastu Factory 24Ah-150Ah



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# FAAM BATTERY

## FLL

### FEATURES

- High thickness flat plate Pb/Ca/Sn
- Low electrical resistance separators
- Anti-incendiary device (corundum)
- ABS FV0 container and lid
- Cover with integrated handle (on 6-12 V monobloc models)
- M5-M6-M8 female threaded terminals
- Unidirectional safety valves with internal low pressure

### Official References

CEI IEC 60896 part 21 and 22  
BS 6290 part 4 BS 6334 (FV0)  
DIN 43539 T5  
EUROBAT "Long Life" (> 12 years)  
EN 50272-2  
UL 1989



Maintenance  
Free



Flat  
Plate



Block  
Battery



100%  
Recyclable



Wide  
Range



Versatile  
Installation



High  
Efficiency



Green  
Battery



Low  
Self Discharge



VRLA

**Shimastu Factory 6V,12V 17Ah-225h**

**Shimastu**

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# FAAM BATTERY

## FLG

### FEATURES

- (+) Pasted grid plate Pb/Ca/Sn
- (-) Pasted grid plate Pb/Ca
- Microporous separators with low electrical resistance
- Anti-incendiary device (corundum)
- ABS FV0 container and lid
- M6-M8 female threaded terminals
- Unidirectional safety valves with internal low pressure

### Official References

CEI IEC 60896 part 21 and 22  
CEI IEC 61427  
DIN 40742 DIN 43539  
EUROBAT "Long Life" (> 12 years)  
EN 50272-2  
UL 1989



Maintenance  
Free



Flat  
Plate



Block  
Battery



100%  
Recyclable



Wide  
Range



Versatile  
Installation



High  
Efficiency



Green  
Battery



Low  
Self Discharge



VRLA

**Shimastu Factory 33Ah-200Ah  
6V 12V GEL TYPE**

**Shimastu**

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# FAAM BATTERY

## FMR

### FEATURES

- High thickness Pb/Ca/Sn flat plate
- Low electrical resistance separators
- Anti-incendiary device (corundum)
- ABS FV0 container and lid
- Cover with integrated handle
- M6 frontal terminals
- Unidirectional safety valves with internal low pressure
- Designed for Rack 19" e 23"
- Possibility of connection also in the upper part
- Remote Venting System (on request)

### Official References

CEI IEC 60896 part 21 and 22  
BS 6290 part 4 BS 6334 (FV0)  
DIN 43539 T5  
EUROBAT "Long Life" (> 12 years)  
EN 50272-2  
UL 1989



Maintenance  
Free



Flat  
Plate



Block  
Battery



100%  
Recyclable



Wide  
Range



Versatile  
Installation



High  
Efficiency



Green  
Battery



Low  
Self Discharge



VRLA

50Ah-150Ah

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# FAAM BATTERY

## FTG

### FEATURES

- Tubular plate Pb/Ca/Sn and high thickness negative grid for cyclic use
- Special separators with low electrical resistance and high porosity
- Anti-incendiary device (corundum)
- ABS FV0 container and lid
- M8 female front terminals (150 Ah), M6 (100-120 Ah)
- Unidirectional safety valves with internal low pressure
- Designed for Rack 19 " and 23 "
- Possibility of connection also in the upper part
- Remote Venting System (on request)
- Designed for deep cyclic applications, for photovoltaic, wind and renewable energy

### Official References

CEI IEC 60896 part 21 and 22  
BS 6290 parte 4 BS 6334 (FV0)  
DIN 43539 T5  
EUROBAT "Long Life" (15 years)  
EN 50272-2  
UL 1989



Maintenance  
Free



Tubular  
Plate



100%  
Recyclable



Reliability  
Long  
Term



Wide  
Range



High  
Energy



Versatile  
Installation



High  
Efficiency



High  
Life Cycles



Green  
Battery



Extreme  
Temperatures



Renewable  
Energy



Deep  
Discharge



Low  
Self Discharge



VRLA

## 50Ah-150Ah

**Shimastu**

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# FAAM BATTERY

## VRLA GEL

### STG OPzV

FAAM batteries from STG-OPzV series have been designed for applications on renewable energy islands and off-grid applications.

The application flexibility and the total absence of maintenance, make them suitable in many types of applications, ranging from renewable energy systems, to telecommunications.

Built with special Pb/Ca/Sn alloys and special active material formulations, they have been designed to give long-term durability even on non-standard temperature applications.

#### FEATURES

- (+) tubular plate Pb/Ca
- (-) flat plate with cage structure grid
- Microporous separators with low electrical resistance
- ABS Container and lid (FV0 on request)
- M10 female threaded terminals
- Internal low pressure safety unidirectional valves

#### Official References

CEI EN 60896 part 21 and 22  
CEI IEC 61427  
DIN 40742 DIN 43539 T5  
EUROBAT "Long Life" (20 years)  
EN 50272-2  
UL 1989



## FLOODED

### STA OPzS

The STA range is designed to be used in very heavy applications, where cycles and depth of discharge must not compromise.

They turn out to be ideal for use on:

- Standalone islands of renewable energy, both wind and photovoltaic and of other types.
- High energy storage systems to ensure reliable power supply.
- Energy systems, security, signaling.
- Telecommunications, airports, stations.

They are also designed for use in extreme temperature conditions, guaranteeing a life of more than 1600 cycles with 80% DOD, being equipped with high-diameter tubular plates and special formulations of the active materials.

The new design of the terminals allows to have a high reliability against electrolyte leakage and considerable duration over time.

#### FEATURES

- (+) tubular plate Pb/Sb with low antimony content
- (-) flat plate with cage structure grid
- Separators with high porosity and low electrical resistance
- Intercell connections of lead copper
- Transparent SAN container
- ABS lid
- Ceramic filter plugs (DIN 40740 type on request)
- Flat lead terminals, M10 female threaded terminals on request
- Electrolyte: diluted solution of sulfuric acid SG1.25kg / Lt  $\pm 0.01$  at 20°C

#### Official References

CEI EN 60896-11  
CEI IEC 61427  
DIN 40736 part 1  
EN 50272-2 <UL1989  
EUROBAT "Long Life" (20 years)

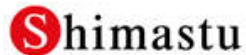




## Power Backup and Power Quality Solution

We are partner with leader UPS, Charger and Power quality product supplier. We can support design and select proper solution and installation with our expert engineer for customer.

- Design and pre-sale stage
- Product and solution Spec-in
- Commissioning and Site acceptance test
- Post installation service and maintenance
- Acceptance test room for Battery, UPS, Charger
- Onsite maintenance and testing



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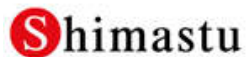
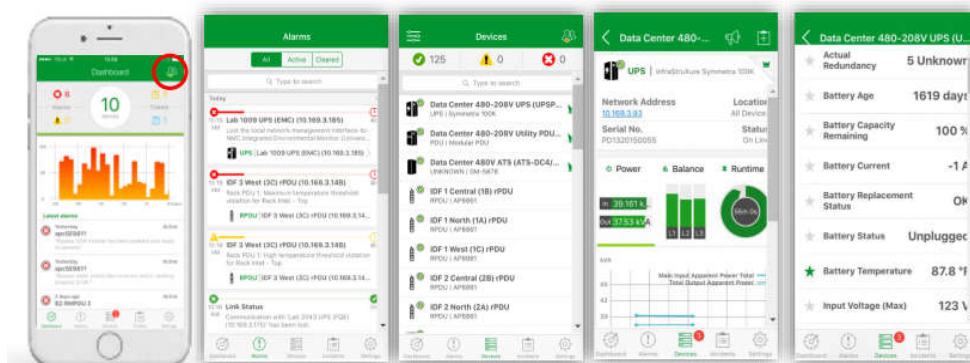
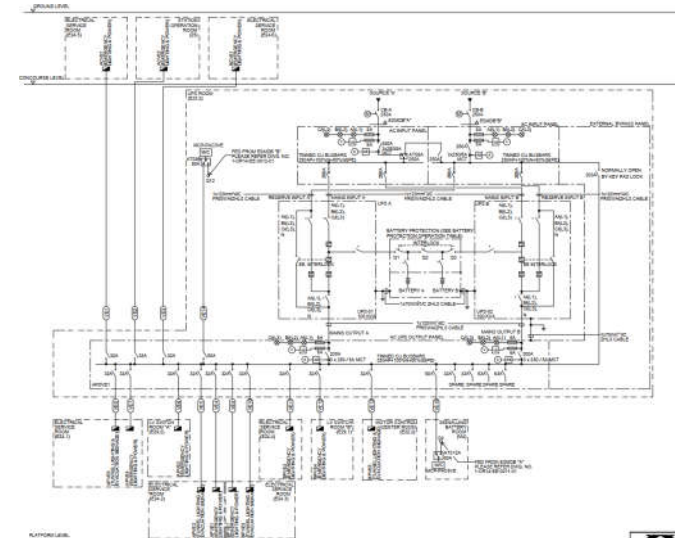


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## Design & build, consulting and renovation

Increase the performance and safety of your critical infrastructure and avoid costly downtime, by properly maintaining and optimizing your equipment with our Services for design, build consulting and renovation your equipment such as

- Low voltage Main distribution board, electrical panel board
- Capacity bank
- Circuit breaker, ACB, MCCB, MCB
- Low voltage and Medium voltage switch gear
- Data center room
- De-humidity system for Operation room (OR) in Hospital or clean room
- Precision cooling and environment control system for data center
- UPS and battery system
- Energy storage system
- Consulting and Asset advisory by professional own product
- Equipment monitoring



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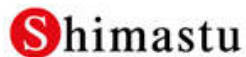
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## Power System Warehousing

As a Service to our customer, i Intertrade co.,Ltd provides the warehouse accepting and inspection of newly purchased equipment. As part of this service, your equipment is stored in an environmentally controlled environment, until it is required addition service. As part of our acceptance service we will receive your equipment and inspect the equipment for shipping damage prior to accepting. Once your equipment has been inspected satisfactorily, we will accept it and store it until it is required for installation. This service is designed to save our customers the time and aggravation associated with unintentional acceptance of equipment that has been damaged by the shipping process

### Our Inspection service before delivery

- Charging before delivery
- 100% outgoing QC (Physical, V, IR)
- Temperature control  $25 \pm 2$  degree Celsius



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## ONSITE MAINTENANCE SERVICE

We can offer full-Service maintenance agreement include preventive maintenance visits and no-cost repairs to your equipment. Service available 24/7 and technicians will be dispatched quickly to handle any problems. This Maintenance agreement offers the highest level of security and peace of mind for effective operation with **safety first** of your power supply systems.

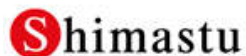
Preventive maintenance maximizes up-time and extends battery life by eliminating problems before they happen. Whether a battery fails from defect or deterioration, the best time to find out is during a preventive maintenance service, not during a power failure when critical loads might be compromised. I Intertrade.co.,ltd will custom design a Preventive Maintenance package that is best for you, including the following features:

- UPS and Battery cleaning
- UPS and battery Discharge test by function test or simulation power down test
- Measure of cell voltage levels, Total battery terminal voltages
- Visual inspection for leaks or bad cells
- Spot checks for connection torques
- Inspection of battery environment
- Testing of cell/unit internal ohmic values
- Detailed written inspection report of battery test and inspection results and recommendations for corrective actions

Active maintenance contract

Market	Capacitor (kVA)
Retail	300
Healthcare	3000

**All Battery Services conform to IEEE Guidelines**



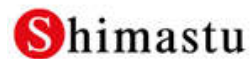
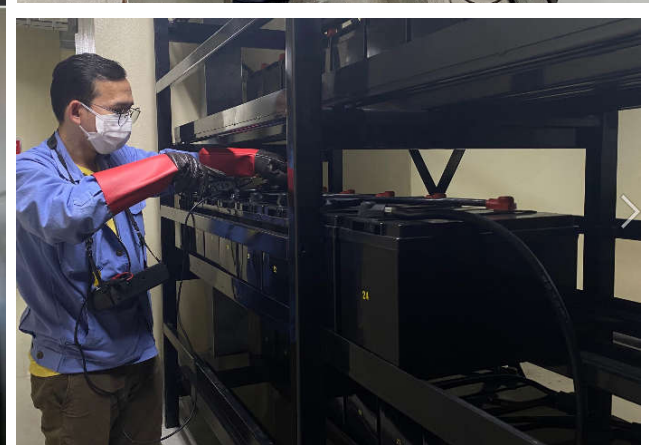
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## ONSITE MAINTENANCE SERVICE



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## Why i-Intertrade and Shimastu battery

1. Shimastu battery เป็นมีโรงผลิตแบตเตอรี่ของตัวเอง ไม่ใช่สินค้า OEM
2. Shimastu battery มีเทคโนโลยีการผลิตเป็นเทคโนโลยีของประเทศญี่ปุ่น
3. บริษัท ไอ อินเตอร์เทรด จำกัด เป็นผู้นำเข้าแต่เพียงผู้เดียวในประเทศไทย
4. บริษัท ไอ อินเตอร์เทรด จำกัด มีโกดังสำหรับเก็บสินค้า ขนาด 300 ตารางเมตร และควบคุมอุณหภูมิที่  $25\pm 2$  องศาเซลเซียส สำหรับจัดเก็บแบตเตอรี่ให้ได้คุณภาพมากที่สุด
5. บริษัท ไอ อินเตอร์เทรด จำกัด มีโกดังสำหรับเก็บสินค้า ขนาด 300 ตารางเมตร มีพื้นที่สามารถจัดเก็บแบตเตอรี่สำหรับงานที่ต้องการใช้ของด่วน และงานเคลมประกันได้ ทันทีทันที
6. บริษัท ไอ อินเตอร์เทรด จำกัด มีโกดังสำหรับเก็บสินค้า ขนาด 300 ตาราง พื้นที่ให้ลูกค้าฝากของไว้ในกรณีที่สั่งแบตเตอรี่มาลืมหใหญ่ สามารถทยอยเรียกของออกจำนวนที่ต้องการได้ ไม่จำเป็นต้องเรียกจำนวนทั้งหมด
7. บริษัท ไอ อินเตอร์เทรด จำกัด มีบริการประจำแบตเตอรี่ก่อนส่งให้อยู่ในสภาวะประจำแบตเตอรี่เต็ม หรือใกล้เคียง
8. บริษัท ไอ อินเตอร์เทรด จำกัด ตรวจเช็คแบตเตอรี่ทุกลูกก่อนส่งออกถึงมือลูกค้า
9. บริษัท ไอ อินเตอร์เทรด จำกัด มีวิศวกรที่มีประสบการณ์การออกแบบระบบไฟฟ้า เครื่องสำรองไฟ และแบตเตอรี่ ที่มีประสบการณ์โดยตรงกว่า 10 ปี ทำให้มั่นใจได้ว่าการออกแบบ และติดตั้งระบบ ไฟฟ้า เครื่องสำรองไฟ และแบตเตอรี่ ได้มาตรฐานวิศวกรรม

# Site Reference

## Reference List





## Reference List

		 การรถไฟแห่งประเทศไทย	 กรมทรัพยากรธรรมชาติและสิ่งแวดล้อม		
	 สำนักงานสภาพัฒนาการน้ำประปา				
	 องค์การกระจายเสียงและแพร่ภาพสาธารณะแห่งประเทศไทย	 กรมชลประทาน	 LAND AND NATURAL RESOURCES AUTHORITY OF THAILAND	 METEOROLOGICAL DEPARTMENT	 ธนาคารกสิกรไทย KASIKORN BANK PUBLIC CO. LTD.
	 กรมทรัพยากรธรรมชาติและสิ่งแวดล้อม	 NATION GROUP	 CIMB THAI ซีไอเอ็มบี ไทย	 APF The Healthy Taste	 PHYATHAI HOSPITAL โรงพยาบาลฟิยาไทย

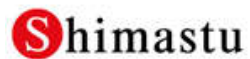


# Professional Power Backup System

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## Thank You



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