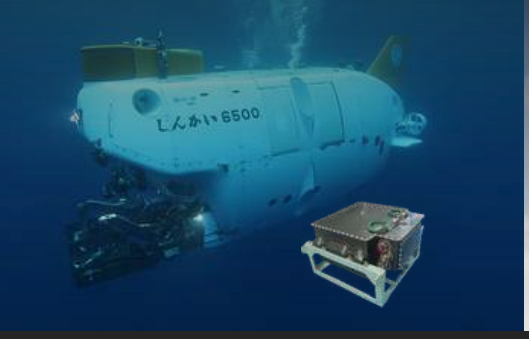
A GS YUASA Group Company

YUASA

YUASA INDUSTRIAL BATTERY INDONESIA

CORPORATE PROFILE & PRODUCT CATALOG

2026







A GS YUASA Group Company

FROM THE DEEP SEA TO OUTER SPACE

The GS Yuasa Group consists of 65 subsidiaries and 33 affiliates in countries throughout the world.

For over 100 years, the GS Yuasa Group has continually contributed to economic development and the improvement of living standards through the development and manufacture of batteries, power supply systems and lighting equipment. We are a major force in the market as one of the world's leading manufacturers of industrial, automotive and motorcycle batteries. As a supplier of high-performance power supply systems, we help ensure the reliability of social infrastructure

Responding to today's increasingly sophisticated needs our extensive range of next generation energy system lithium-ion batteries encompasses not only vehicle use but also products in a wide range of fields, from deep sea to aerospace, to meet the ever more sophisticated needs of the times.

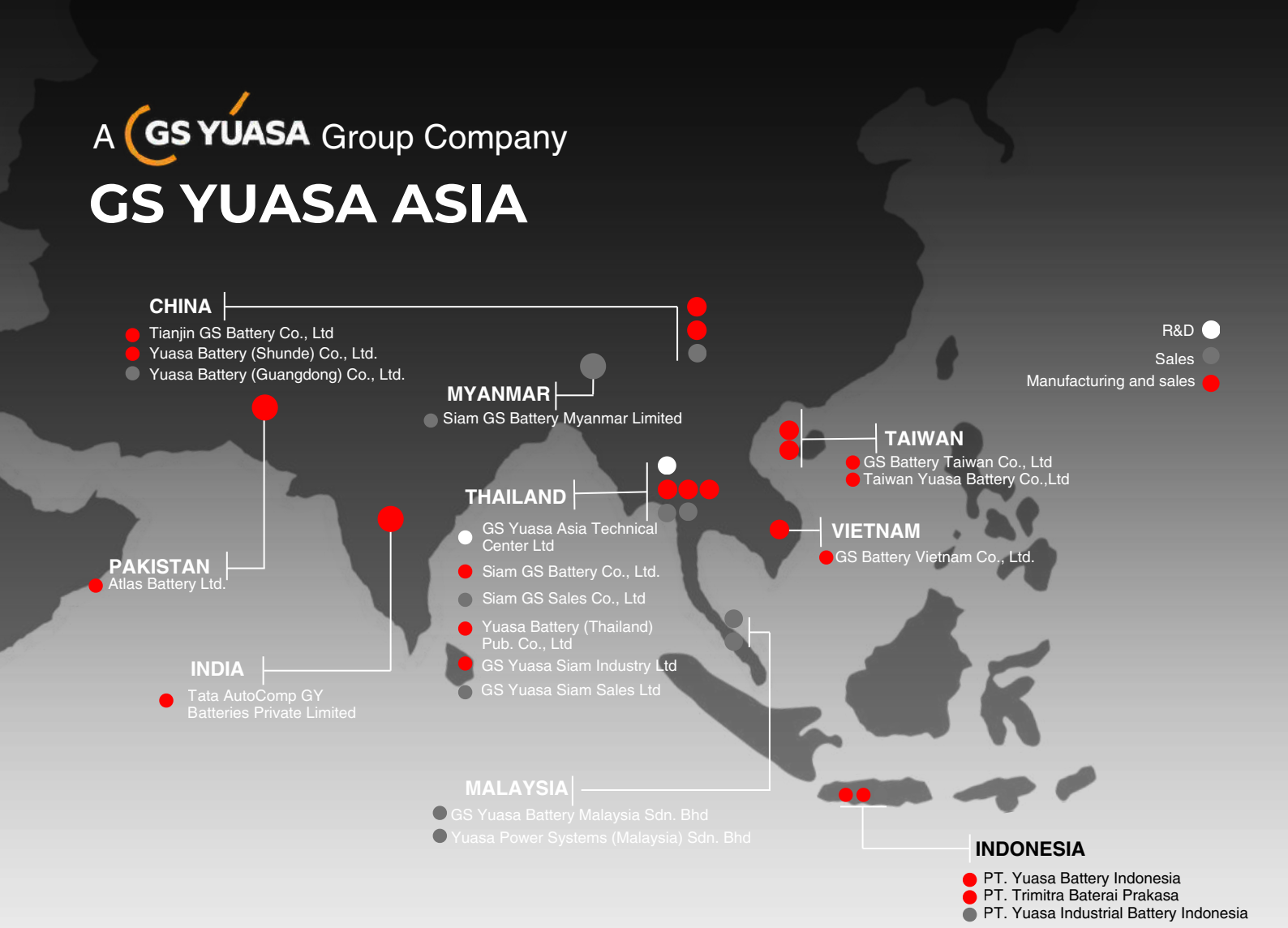
Throughout its history, the GS Yuasa Group has consistently driven innovation by developing advanced technologies. This commitment forms the foundation of our ongoing pursuit to unlock new opportunities in the field of electrical energy, guided by our corporate vision of **"Innovation and Growth."**

"Leading Society into the Future by Continuously Taking on New Challenges without Compromise"



A GS YUASA Group Company

GS YUASA ASIA



PT. YUASA INDUSTRIAL BATTERY INDONESIA (YIBI)

PT. Yuasa Industrial Battery Indonesia (YIBI) sucessfully become the biggest supplier of VRLA and Traction, power supply in South-East Asia*

YIBI was established on April 1, 2021, following the transfer of the Industrial Battery division from PT. Santi Yoga, which had served as the sole agent of Yuasa Battery in Indonesia for over 45 years. The company officially commenced operations on July 2021, marking a new chapter in strengthening the presence of GS Yuasa's industrial battery business in Indonesia.

YIBI focuses on import, sales, and maintenance of a wide range of industrial battery solutions, including lead-acid, alkaline, and lithium-ion batteries, as well as traction batteries and power supply systems. The company market its products under well-established brands such as **YUASA, GS YUASA, MPower Plus, and PBM Traction Battery Charger.**

The company is supported by a strong ownership structure, with PT. Santi Yoga holding 60%, GS Yuasa International 20%, and GS Yuasa Siam Industry 20%, reflecting a strategic collaboration between local expertise and global technology leadership.

Driven by its vision, YIBI is committed to delivering advanced technology products that provide value and satisfaction to all users of Yuasa Industrial Batteries. Its mission emphasizes delivering excellent service, ensuring wide product distribution across Indonesia, and maintaining fair and transparent business practices.

Positioned within Southeast Asia's largest economy, YIBI is strategically poised to support the nation's growing infrastructure and industrial demands. By synergizing GS Yuasa's global capabilities with PT. Santi Yoga's established network, the company aims to achieve sustainable growth and reach annual sales of two billion yen by 2025.

PT. YUASA INDUSTRIAL BATTERY INDONESIA (YIBI)

VISSION

We are committed to providing the benefits and satisfaction of our advanced technology products to all users of YUASA Industrial Batteries

MISSION

We are committed to providing our best service to customers, we are also committed to distributing our products and providing benefits to all our customers in Indonesia, we will also comply and operate with fair and clear management.

“Driven by excellence, we deliver premium quality products and services to empower the sustainable future of Indonesia’s manufacturing industry”



Through our collaboration with PT. Santi Yoga, we leverage a strong nationwide network of **46 distribution points.** Comprising 24 main dealers and 22 sub-dealers to deliver industrial battery solutions across Indonesia.

Our fundamental values are focused on delivering top-tier products and services to all our customers, making a positive impact on both our clients and the environment.

We aim to be the preferred choice for energy storage solutions, constantly evolving to stay ahead of industry changes and meet the demands of the future.

Driven by our company group vision “Innovation and Growth”, YIBI is committed to providing high-quality products and services that support the sustainable development of Indonesia’s manufacturing sector. YIBI is steadfast in its dedication to being a reliable growth partner for your business.

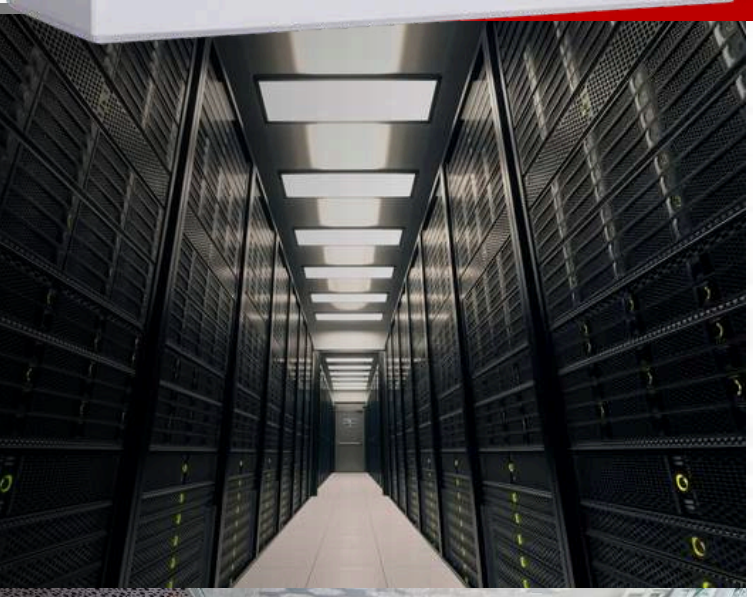
ONE SOLUTION TO POWER IT ALL!

Discover how **Yuasa NP Series** provides dependable power, engineered to meet your demands with proven and advanced battery technology.



- Maintenance-**Free**
- Equipped with **Pressure Regulating Valve**
- **Gas Recombination** System
- **Strong Plate** Frame Structure
- Operating Temperature **up to 40°C**
- **Low** Self-Discharge
- **Fully Sealed** Construction
- **Low Pressure** Ventilation System
- **Local Manufactured**

SCAN ME







Common **applications**

Uninterruptible Power Supply (UPS)

Ranging in size from desk top units to large plant room installations, UPS's are a no-break backup power supply for essential equipment. Yuasa batteries can be sized to give the autonomy and load required for any project.

Batteries typically used:

NP 4-12 NP 12-12 NP 24-12B
NP 7-12 NPH 5-12 NPL 100-12FR

Elevator and Escalator

From low to high rise applications, elevators and escalators deliver reliable vertical mobility tailored to each project's needs. Yuasa batteries are sized to provide the required autonomy and load for any implementation.

Batteries typically used:

NP 7-12 NP 12-12 NP 18-12B

Agricultural Sprayer

In agricultural applications, sprayers support the efficient and precise application to enhance seedling health and protection. Yuasa batteries provide optimized capacity and runtime to suit various sprayer applications.

Batteries typically used:

NP 7-12 NP 12-12



Portable Speaker

From compact to high powered units, portable speakers deliver reliable, high-quality audio with easy mobility for any setting. Yuasa batteries provide dependable power for any portable speaker application.

Batteries typically used:

NP 7-12 NP 12-12



Alarm System

Alarm systems provide reliable early detection and protection. Designed for seamless integration, they ensure fast response and enhanced security. Yuasa batteries deliver dependable backup power for continuous operation.

Batteries typically used:

NP 7-12 NP 12-12 NP 2.3-12



Emergency Lighting

From compact units to centralized systems, emergency lighting ensures safe visibility during power outages. Yuasa batteries provide reliable backup power for continuous operation.

Batteries typically used:

NP 4-6 NP 7-12



Battery-powered Toys

Designed for comfort and ease of use, Yuasa batteries deliver reliable power, ensuring longer playtime and consistent performance.

Batteries typically used:

NP 4-6 NP 7-12 NP 12-12
NP 7-6 NP 10-6



Digital Weighing Scale

From compact to industrial use, digital weighing scales deliver accurate and reliable measurement. Yuasa batteries support stable performance across applications.

Batteries typically used:

NP 4-6

YUASA NP SERIES

World's leading standby batteries

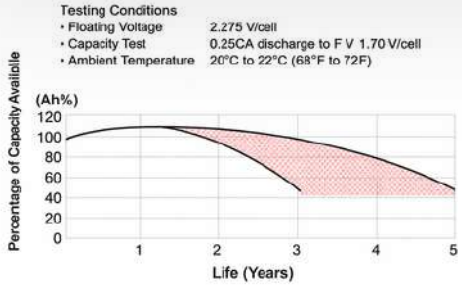


Aplication	Standby Usage	Cycle Use
Charging Method	Constant Voltage	
Charging Voltage at 25°C (V/cell)	2.275	2.4
Temperature Compensation (mV/°C/cell)	-3	-4
Maximum Current for First Charging (CA)	0.25	0.25
Temperature	-15 ~ +40°C	

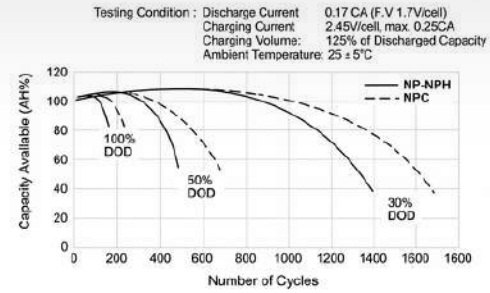
World's market leader for over 30 years | Proven track record of long-life performance | The original and most reliable NP VRLA battery | Dependable standby & light cyclic power | Yuasa quality, reliability & performance

NP Series **Characteristics**

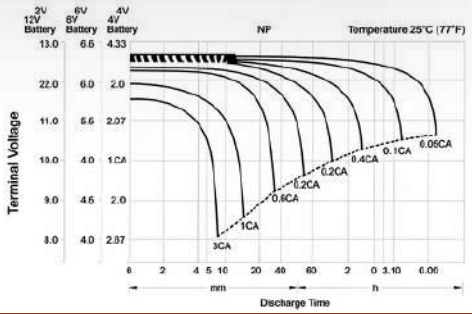
Float Service Life (Example)



Cycle Service Life in Relation to Depth of Discharge



Discharge Characteristic Curves



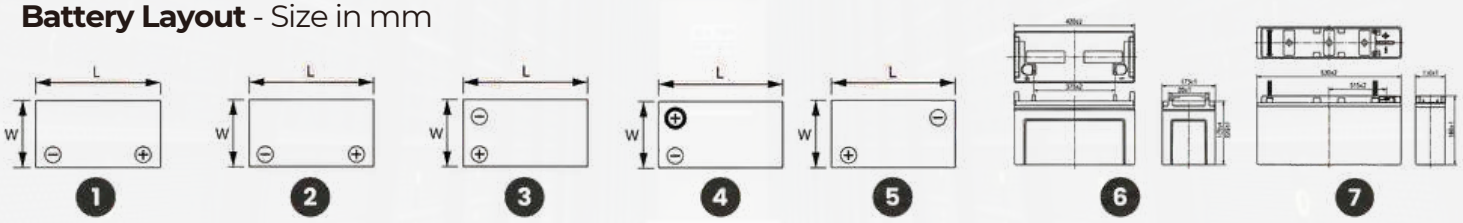


YUASA NP SERIES
General Specification

Product Type	20-hr Rate Capacity (Ah)	Dimension			Battery Weight (Kg)	Battery Layout	Design Life Time at 25°C (Years)
		Length (mm)	Width (mm)	Height (mm)			
6V							
NP 1.2-6	1.2	97	25	54.5	0.30	1	3 - 5
NP 3-6	3	134	34	64	0.65	1	3 - 5
NP 4.5-6	4.5	70	47.5	105.5	0.80	5	3 - 5
NP 7-6	7	151	34	97.5	1.30	1	3 - 5
NP 10-6	10	151	50	97.5	1.75	1	3 - 5
12V							
NP 1.2-12	1.2	97	47.5	54.5	0.59	3	3 - 5
NP 2.3-12	2.3	178	34	64	0.90	1	3 - 5
NP 4-12	4	90	70	105.5	1.60	1	3 - 5
NP 7-12*	**7**	**151**	**65**	**97.5**	**2.30**	**4**	**3 - 5**
NP 12-12	12	151	98	97.5	4.10	4	3 - 5
NP 18-12B	17.2	181	76	167	6.00	2	3 - 5
NP 24-12B	24	166	175	125	8.30	2	3 - 5
NP 38-12	38	197	165	170	13.20	2	3 - 5
NP 65-12	65	349.8	166	174	21.50	2	3 - 5
NPL 100-12	100	407	172.5	240	37	6	5 - 7
REW 45-12	9	151	65	97.5	2.6	4	5 - 7
NPH 5-12	5	90	70	105.5	1.85	1	3 - 5
FXH 100-12FR	100	508	106	236	34	7	7 - 10

***Produced by PT. Yuasa Battery Indonesia**

Battery Layout - Size in mm



YUASA VENTED TYPE STATIONARY LEAD-ACID BATTERY

Reliable Power, Sustainable Performance



CS Series

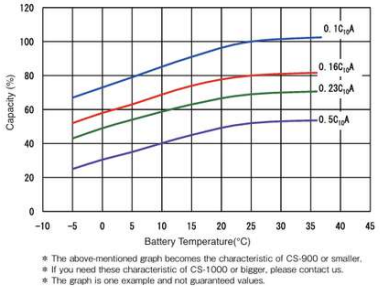
Yuasa Vented Type Stationary Lead-Acid Battery CS Series is a reliable and long-lasting stationary lead-acid battery, designed for backup power in industrial applications. Its vented design ensures safe, efficient energy storage for telecommunications, power systems, and more.

Specifications:

- Long service life of over 14 to 17 years can be expected from Tubular positive plates.
- The Line-up covers a wide range of capacities from 15Ah to 2400Ah.

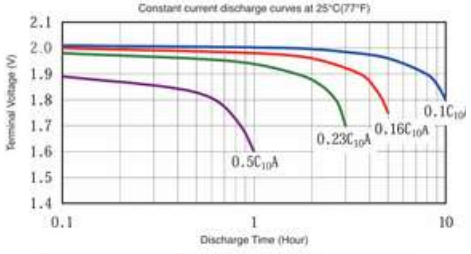
CS Series **Characteristics**

CS Series Relationship between battery temperature and capacity



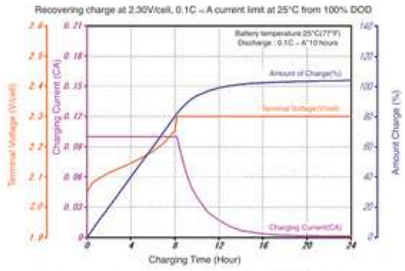
* The above-mentioned graph becomes the characteristic of CS-900 or smaller.
* If you need these characteristic of CS-1000 or bigger, please contact us.
* The graph is one example and not guaranteed values.

CS Series Discharge Characteristics



* The above-mentioned graph becomes the characteristic of CS-900 or smaller size.
* If you need these characteristic of CS-1000 or bigger, please contact us.
* The graph is one example and not guaranteed values.

CS Series Constant voltage charge characteristics



* The above-mentioned graph becomes the characteristic of CS-900 or smaller size.
* If you need these characteristic of CS-1000 or bigger, please contact us.
* The graph is one example and not guaranteed values.

CS Series Charge Specification

Item	Charge Specification		Remarks
Purpose	Floating charge	Equalizing charge Recovering charge Refreshing charge	Please do the equalizing charge once every six months at least.
Charge Type	Constant voltage charge		
Charge Voltage	2.15V/cell	2.30V/cell	
Charge Time	_____	Approx.24 hours	charging with 0.1C$_{10}$A from 100% Discharge

CS Series Discharge and Final Voltage

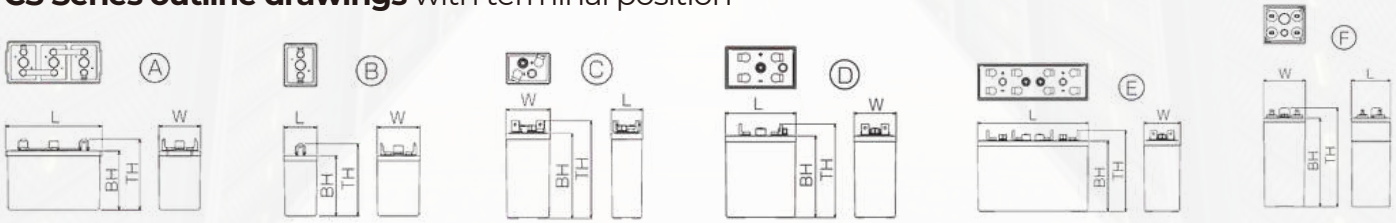
Discharge Current CA	Average final Voltage (V/each)		
	2V Battery	6V Battery	V/cell
Less than 0.1C$_{10}$ A or Intermittent discharge	1.90	5.70	1.90
0.1C$_{10}$ A or close current	1.80	5.40	1.80
0.16C$_{10}$ A or close current	1.75	5.25	1.75
0.23C$_{10}$ A or close current	1.70	5.10	1.70
0.5C$_{10}$ A or close current	1.60	4.80	1.60
Over 0.5C$_{10}$ A (*)	1.50	4.50	1.50

*The average voltage must not be less than 1.2V for each cell for the engine starting applications.

YUASA CS SERIES
General Specification

Battery type	Nominal capacity		Nominal Voltage [V]	Dimensions of Cell (mm)				Approximate weight with Electrolyte (kg)	Approximate Electrolyte Volume (Liter)	Battery Outline
	10HR	5HR		Total Height (TH)	Height (BH)	Width (W)	Length (L)			
	[Ah]									
CS-15-6	15	12	6	223	185	132	149	6.5	2.0	Ⓐ
CS-30-6	30	24		223	185	132	200	9.5	2.7	
CS-45-6	45	36		223	185	132	252	12.6	3.4	
CS-60-6	60	48		223	185	132	303	15.6	4.1	
CS-90-6	90	72		223	185	133	472	24	6.6	
CS-15	15	12	2	223	185	131	67	2.7	1.0	Ⓑ
CS-30	30	24		223	185	131	67	3.2	0.9	
CS-45	45	36		223	185	132	102	4.6	1.5	
CS-60	60	48		223	185	132	102	5.2	1.4	
CS-90	90	72		223	185	133	154	7.9	2.1	
CS-130	130	104		374	325	170	120	12	3.7	Ⓒ
CS-170	170	136		374	325	170	120	15	3.4	
CS-210	210	168		374	325	170	195	21	6.3	
CS-250	250	200		374	325	170	195	23	6.0	
CS-290	290	232		374	325	170	195	24	5.7	
CS-400	400	320		374	325	170	285	33	9.0	Ⓓ
CS-500	500	400		374	325	170	390	43	13	
CS-600	600	480		374	325	170	390	45	13	
CS-700	700	560		374	325	170	515	58	18	Ⓔ
CS-800	800	640		374	325	170	515	60	18	
CS-900	900	720		374	325	170	515	65	17	
CS-1000	1000	800		714	640	300	280	103	32	Ⓕ
CS-1200	1200	960		714	640	300	280	111	30.5	
CS-1400	1400	1120		714	640	300	280	120	29.5	
CS-1600	1600	1280		714	640	300	390	148	44.5	
CS-1800	1800	1440		714	640	300	390	156	43	
CS-2000	2000	1600		714	640	300	390	165	41	
CS-2200	2200	1760		714	640	300	390	173	40	
CS-2400	2400	1920		714	640	300	390	182	39	

CS Series outline drawings with terminal position



YUASA VENTED TYPE STATIONARY LEAD-ACID BATTERY

Reliable Power, Sustainable Performance



HS Series

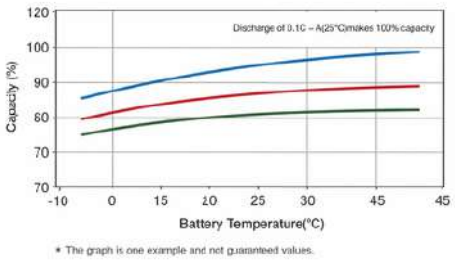
Yuasa Vented Type Stationary Lead-Acid Battery HS Series a is a high-performance, vented lead-acid battery, providing reliable backup power for critical systems in telecommunications, energy, and security, with enhanced durability and safety for stable performance in demanding conditions.

Specifications:

- Service life of 8 to 12 years can be expected.
- The high rate discharge performance is achieved by adopting the pasted plate design. *(The HS Series has a maximum discharge current about twice that of the CS Series. It can withstand 6CA for 5 seconds)*
- The Line-up covers a wide range of capacities from 30Ah to 2500Ah.

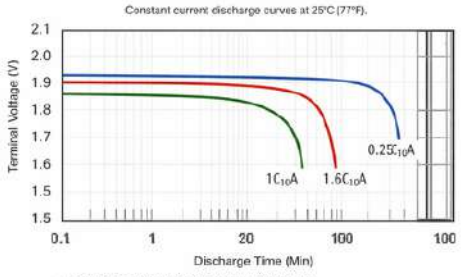
HS Series **Characteristics**

HS Series Relationship between battery temperature and capacity



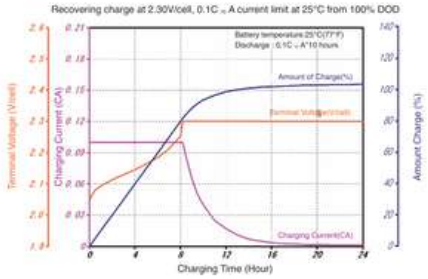
* The graph is one example and not guaranteed values.

HS Series Discharge Characteristics



* The graph is one example and not guaranteed values.

HS Series Constant voltage charge characteristics



* The graph is one example and not guaranteed values.

HS Series Charge Specification

Item	Charge Specification		Remarks
Purpose	Floating charge	Equalizing charge Recovering charge Refreshing charge	Please do the equalizing charge once every six months at least.
Charge Type	Constant voltage charge		
Charge Voltage	2.18V/cell	2.30V/cell	
Charge Time	_____	Approx.24 hours	charging with 0.1C $_{10}$ A from 100% Discharge

HS Series Discharge and Final Voltage

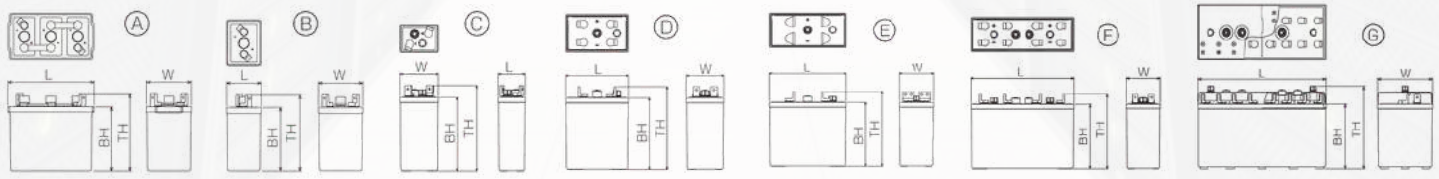
Discharge Current CA	Average Final Voltage (V/each)		
	2V Battery	6V Battery	V/cell
Less than 0.1C$_{10}$ A or Intermittent discharge	1.90	5.70	1.90
0.1C$_{10}$ A or close current	1.80	5.40	1.80
0.16C$_{10}$ A or close current	1.75	5.25	1.75
0.23C$_{10}$ A or close current	1.70	5.10	1.70
0.6C$_{10}$ A or close current	1.60	4.80	1.60
Over 0.6C$_{10}$ A (*)	1.50	4.50	1.50

*The average voltage must not be less than 1.2V for each cell for the engine starting applications.

YUASA HS SERIES
General Specification

Battery type	Nominal capacity		Nominal Voltage [V]	Dimensions of Cell (mm)				Approximate weight with Electrolyte (kg)	Approximate Electrolyte Volume (Liter)	Battery Outline
	1HR	10HR		Total Height (TH)	Height (BH)	Width (W)	Length (L)			
	[Ah]									
HS-30-6	18	30	6	223	185	132	149	8.0	1.6	Ⓐ
HS-40-6	24	40		223	185	132	200	10	2.3	
HS-50-6	30	50		223	185	132	200	11	2.3	
HS-60-6	36	60		223	185	132	252	14	3.0	
HS-80-6	48	80		223	185	132	303	17	3.6	
HS-100-6	60	100		223	185	133	472	24	5.8	
HS-120-6	72	120		223	185	133	472	27	5.6	
HS-30	18	30	2	223	185	131	67	3.0	0.8	Ⓑ
HS-40	24	40		223	185	131	67	3.5	0.8	
HS-50	30	50		223	185	131	67	4.0	0.8	
HS-60	36	60		223	185	132	102	5.0	1.2	
HS-80	48	80		223	185	132	102	6.0	1.2	
HS-100	60	100		223	185	133	154	8.0	1.9	
HS-120	72	120		223	185	133	154	9.0	1.9	
HS-150	90	150		374	325	170	120	12	3.5	Ⓒ
HS-200	120	200		374	325	170	120	13	3.5	
HS-250	150	250		374	325	170	120	14	3.5	
HS-300	180	300		374	325	170	195	22	6.0	
HS-400	240	400		374	325	170	195	24	6.0	
HS-500	300	500		374	325	170	285	32	8.5	Ⓓ
HS-600	360	600		374	325	170	285	34	8.5	
HS-700	420	700		377	325	170	390	43	12	Ⓔ
HS-800	480	800		377	325	170	390	46	12	
HS-900	540	900		377	325	170	390	48	12	
HS-1000	600	1000		374	325	170	515	61	16	Ⓕ
HS-1200	720	1200		374	325	170	515	64	16	
HS-1500	900	1500		420	333	280	653	105	37	Ⓖ
HS-2000	1200	2000		420	333	280	653	120	35	
HS-2500	1500	2500		420	333	280	653	130	33	

HS Series outline drawings with terminal position



YUASA UXL SERIES

Maintenance-Free Valve Regulated Lead-Acid Stationary Batteries



UXL Series

Yuasa Maintenance-Free Valve Regulated Lead-Acid Stationary Batteries is a durable industrial batteries designed for critical systems. UXL Series provide reliable, long-lasting power for applications like telecommunications and backup power, with excellent charge retention and minimal maintenance.

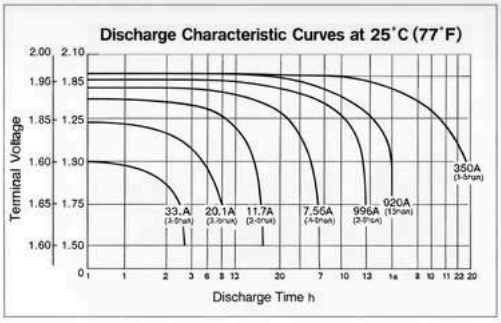
Since 1984, the UXL Series has been recognized as a trusted and dependable power solution. Built to address the growing need for extended service life and enhanced reliability, the UXL Series ensures stable performance with reduced maintenance, making it the ideal choice for demanding industrial applications.

Over 15 Years Design Life | UL94 V-0 Grade Container | UL Listed Product | AGM Technology | Excellent High Rate Performance | Low Self-Discharge

UXL Series **Characteristics**

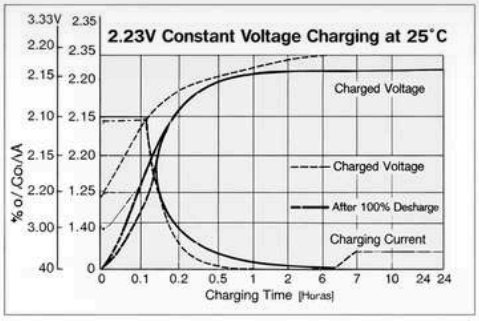
■DISCHARGING

FOR UXL33-12~UXL110-6 BATTERIES

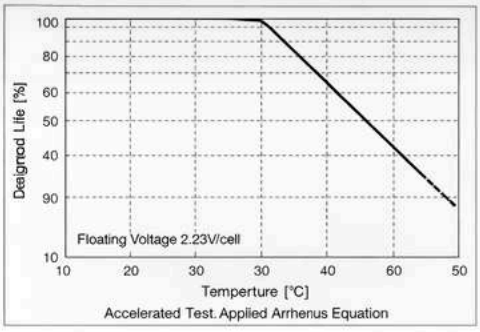


■CHARGING

FOR ALL MODELS



■ACCELERATED LIFE CHARACTERISTICS





Features:

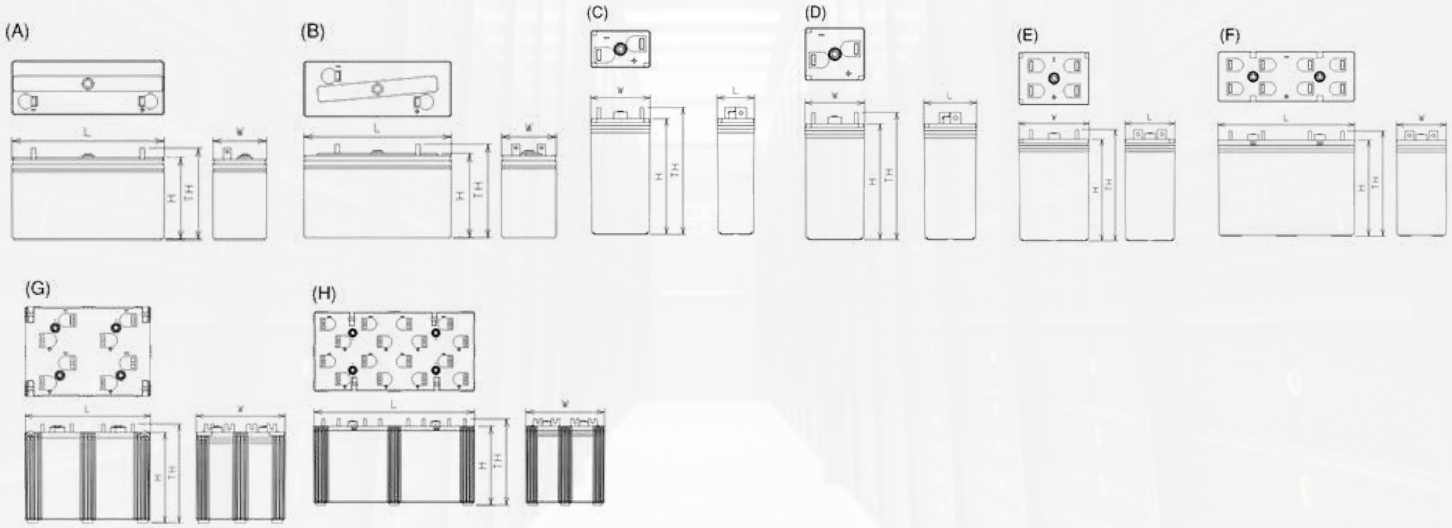
- **No free Acid** (Non-spillable Battery)
- **Flame Retardant version** available.
- **Maintenance-free**
- **Valve** Regulated
- **No gas emission** under normal floating operation
- Fitted with **Explosion Proof Filter**
- **No Equalizing Charge** Required
- **Low Self-Discharge**
- **Excellent High Rate** Discharge Performance
- **Gas Recombination** System
- **Easy Handling**
- Operating Temperature **up to 40°C**
- **Compact** In Size
- **Comply with IATA UN2800** Special Provision 238 and are classified as Non-Spillable, Non-Dangerous goods.

YUASA UXL SERIES
General Specification

Battery type	FR Model *1	Nominal Voltage(V)	Capacity(Ah)		Dimensions(mm)				Approx Weight (kgs)	Battery Outline
			10HR *2 (Nominal)	1HR FV=1.6V/cell	Overall Height	Height	Width	Length		
UXL33-12		12	30	21	217	190	128	235	14.5	A
UXL44-12		12	40	28	217	190	128	299	18	A
UXL55-12		12	50	35	217	190	128	363	23	A
UXL66-6		6	60	42	217	190	128	217	14	B
UXL88-6		6	80	56	217	190	128	281	17.5	B
UXL110-6		6	100	70	217	190	128	345	22.5	B
UXL165-2	UXL165-2FR	2	150	105	354	330	170	106	12.5	C
UXL220-2	UXL220-2FR	2	200	140	354	330	170	106	15	C
UXL330-2	UXL330-2FR	2	300	210	354	330	170	150	21.5	D
UXL550-2	UXL550-2FR	2	500	350	354	330	171	241	35.5	E
UXL1100-2	UXL1100-2FR	2	1000	700	362	330	171	471	70	F
UXL1550-2	UXL1550-2FR	2	1500	1050	372	340	337	476	108	G
UXL2200-2	UXL2200-2FR	2	2000	1400	372	340	337	476	140	G
UXL3300-2	UXL3300-2FR	2	3000	2100	372	340	340	696	212	H

＊1　FR:UL94V0, flame retardant case and cover.
＊2　Final voltage:1.80V/cell, Temperature:25°C(77°F)

UXL Series outline drawings with terminal position



YUASA INDUSTRIAL BATTERIES RECTIFIER / INVERTER

Power Supply System: Made in Japan



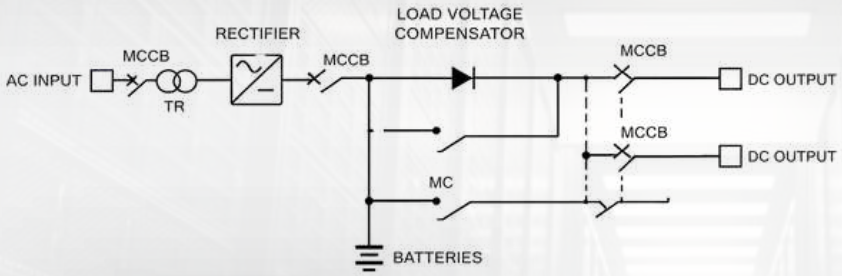
Rectifier / Inverter

Yuasa Rectifiers/Inverters are high-quality, durable power supplies manufactured in Japan, engineered to convert AC power to reliable DC output. Offering exceptional efficiency, extended durability, and strong protection features, they are ideal for industrial and telecommunications applications. Designed to perform in harsh conditions to deliver consistent, safe, and reliable power.

High Efficiency | Long Lifespan | Robust Protection | Reliability in Harsh Environments

Thyristor Rectifier

- **AC-DC Power Supply System**



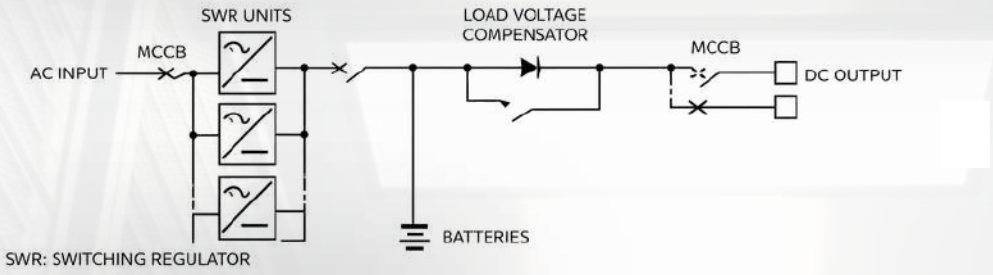
Rectifier Line Up

AC INPUT	DC OUTPUT		Suitable Batteries
	Voltage	Current	
1 Ø 2W OR 3 Ø 3W	DC100V OR DC48V OR DC24V	10A	Lead-Acid Batteries; • MSE • SNS Alkaline Batteries • AM-P(QKC) • AMH-P(QKC) • AH-S(QFD) • AHH-S(QFG)
		20A	
		30A	
		50A	
		75A	
		100A	
		150A	
3 Ø 3W	DC100V OR DC48V OR DC24V	200A	
		300A	
		400A	
		500A	

Note 1. In case your required specification is not listed, please feel free to contact YIBI

Switching Regulator Rectifier

• AC-DC Power Supply System



Rectifier Line Up

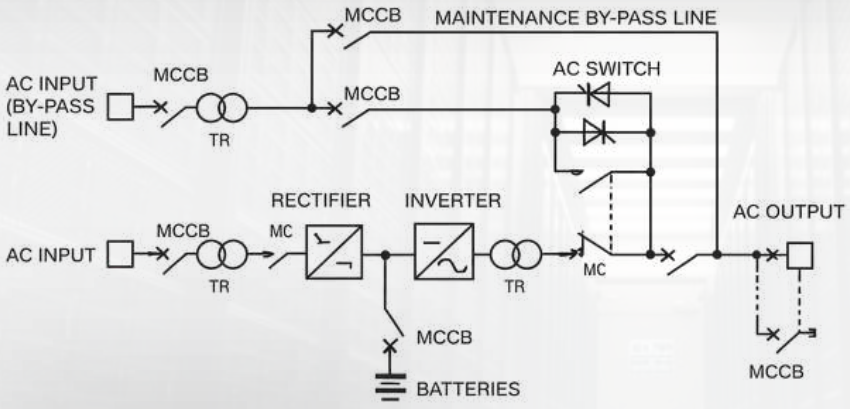
AC INPUT	DC OUTPUT		Suitable Batteries
	Voltage	Current	
1 Ø 2W	DC24V	30A	Lead-Acid Batteries; • MSE • SNS
	DC48V	10A.20A.30A.50A	
3 Ø 3W	DC24V	100A	
	DC48V	30A.50A.100A	

Our rectifier applies to various kinds of output by the combination of switching regulator units.
For example • • • • •
DC48V 500A SYSTEM→48V 100A SWR UNITS×5pieces
DC24V 60A SYSTEM→24V 30A SWR UNITS×2pieces
Please feel free to contact Yibi for the detail.

Uninterruptible Power Supply System



• AC-AC UPS System

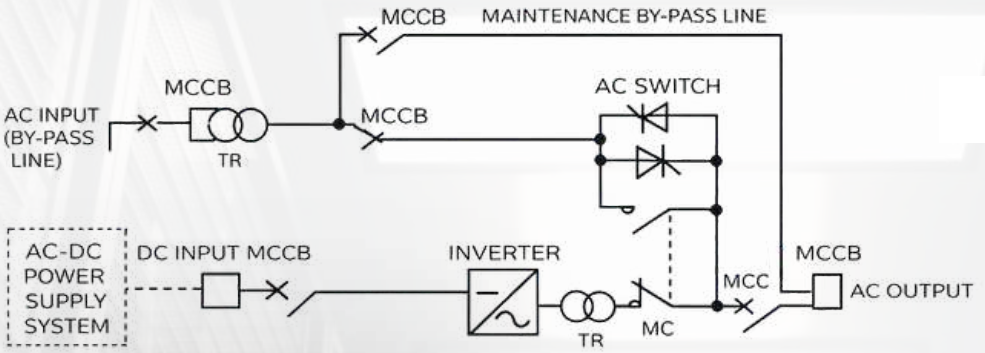


UPS Line Up

AC INPUT	AC OUTPUT VOLTAGE • CAPACITY			Suitable Batteries
	1 Ø 2W 100V OR 200V		3 Ø 3W 200V OR 400V	
	Single Operation	Pararel Operation	Single Operation	
3 Ø 3W	3kVA	3kVA	7.5kVA	Lead-Acid Batteries; • MSE • SNS
	5kVA	5kVA	10kVA	
	7.5kVA	7.5kVA	15kVA	
	10kVA	10kVA	20kVA	
	15kVA	15kVA	30kVA	
	20kVA	20kVA	40kVA	
	30kVA	30kVA	50kVA	
	40kVA	40kVA	75kVA	
	50kVA	50kVA	100kVA	
	75kVA	75kVA	150kVA	
	100kVA	100kVA	200kVA	

Note 1. Please consult with YIBI, in case you use Ni-Cd Alkaline Batteries.
Note 2. In case your required specification is not listed, please feel free to contact YIBI.

- **DC-AC UPS System**



UPS Line Up (Single Ops)

DC INPUT	AC OUTPUT VOLTAGE • CAPACITY	
	1 Ø 2W 100V OR 200V	3 Ø 3W 200V OR 400V
100V	1kVA	-
	2kVA	-
	3kVA	-
	5kVA	-
100V OR 200V	7.5kVA	7.5kVA
	10kVA	10kVA
	15kVA	15kVA
	20kVA	20kVA
	30kVA	30kVA
	40kVA	40kVA
	50kVA	50kVA(DC INPUT : 200V ONLY)

Note 1. In case your required specification is not listed, please feel free to contact Yibi

POWERING EFFICIENCY, DRIVING RELIABILITY!

Discover how **Yuasa Traction Series** delivers reliable power, designed to meet your industrial needs with advanced, proven battery technology.



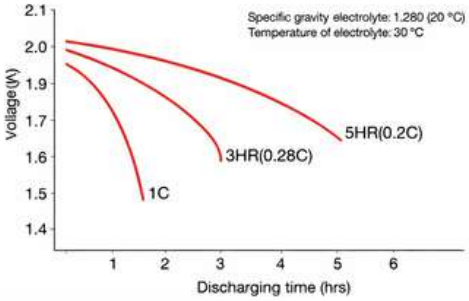
Traction Battery

Yuasa Traction Batteries are high-performance, reliable energy storage solutions designed to meet the rigorous demands of industrial applications. Traction series from Yuasa is known for its superior deep cycle performance, robust construction, and low-maintenance features, making it the ideal choice for industries that require dependable, cost-effective battery solutions for daily operations.

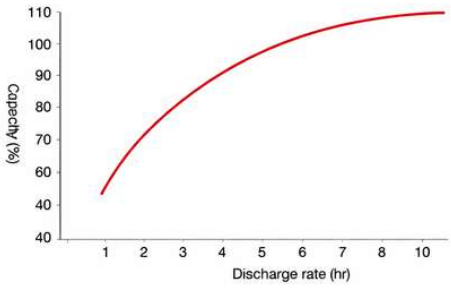
Exceptional Deep Cycle Performance | Low Maintenance | Cost-Effective Energy Solution

Traction Battery **Characteristics**

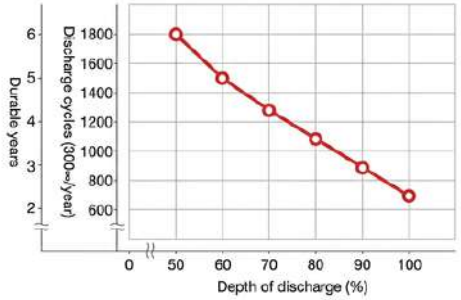
Discharge Characteristics of a Forklift Truck Storage Battery



Relationship between Discharge rate and Capacity



Life of a Clad-Type Storage Battery for a Forklift Truck





Features:

- **High Performance & Stable Power**
- Long Service Life with **Tubular Plate Technology**
- **Robust & Durable Industrial Design**
- **High Capacity Efficiency** for Deep Cycle Use
- Low Maintenance with **Smart Vent Plug System**
- **Japanese Technology & Quality**

YUASA TRACTION BATTERY
General Specification

Battery type	Battery Capacity	Dimensions(mm)				Electrolyte (L)	Total Weight (Plus Electrolyte), Kgs
		Length	Width	Height (Cover)	Height (Pole)		
DIN TYPE							
2DCJ230A/2PZS230	230	47	198	545	575	2.3	14
3DCJ345A/3PZS345	345	65	198	545	575	3.3	19.5
4DCJ460A/4PZS460	460	83	198	545	575	4.3	26.5
4DCJ575A/5PZS575	575	101	198	545	575	5.2	32.5
2DCM250A/2PZS250	250	47	198	575	605	2.7	15
3DCM375A/3ZS375	375	65	198	575	605	3.9	21.5
4DCM500A/4PZS500	500	83	198	575	605	5	28
5DCM625A/5PZS625	625	101	198	575	605	6.2	34.5
2DCP280A/2PZS280	280	47	198	685	715	2.9	18
3DCP420A/3PZS420	420	65	198	685	715	4.5	26
4DCP560A/4PZS560	560	83	198	685	715	5.7	33
5DCP700A/5PZS700	700	101	198	685	715	7.2	41
2DPPS310A/2PZS310	310	47	198	720	750	3	18.5
3DPPS465A/3PZS465	465	65	198	720	750	4.5	26.5
4DPPS620A/4PZS620	620	83	198	720	750	6	34.5
5DPPS775A/5PZS775	775	101	198	720	750	7.4	42.5
6DCM750A/6PZS750	750	119	198	575	605	7.3	4.1
6DPPS930A/6PZS930	930	119	198	720	750	8.7	5.1
JIS TYPE							
VSD3A	170	60	158	395	426	1.7	9.5
VSD4B	225	94	158	395	426	3.2	13
VSD5A	265	94	158	395	426	3.2	15
VSD6	335	128	158	395	426	4.2	19
VSD7C	340	144	158	395	426	5.5	19.5
VSD8AC	435	144	158	395	426	4.6	23
VSD9AC	475	161	158	395	426	5.1	25.5
VSD10AC	540	177	158	395	426	5.6	28.5
VCD12	680	206	158	395	426	6.4	34
VGDX485	485	144	158	410	441	5.1	27.5
VGDX545	545	161	158	410	441	5.7	30.5
VGDX565	565	177	158	410	441	6.6	32
VGDX600	600	177	158	410	441	6.5	33.5
VGDX700	700	206	158	410	441	7.4	40
VSF3A	210	60	158	490	521	2.1	12
VSF3C	225	90	158	490	521	3.6	14.5
VSF4	290	90	158	490	521	3.5	17

Battery type	Battery Capacity	Dimensions(mm)				Electrolyte (L)	Total Weight (Plus Electrolyte), Kgs
		Length	Width	Height (Cover)	Height (Pole)		
JIS TYPE							
VSF4A	340	90	158	490	521	3.3	18.5
VSF5A	350	99	158	490	521	3.8	19.5
VSF6A	420	109	158	490	521	4.1	22.5
VSF8	545	144	158	490	521	6.6	35.5
VSF10A	700	177	158	490	521	6.8	36.5
VCIC2	156	46	158	519	550	1.6	10.0
LCS9	289	72	158	519	550	2.8	15.5
VSI4C	350	90	158	519	550	3.7	19.0
VSI5C	435	109	158	519	550	4.2	24.5
VSI7C	510	126	158	519	550	4.9	28.0
VCI8C	622	142	158	519	550	5.5	32.0
VSI9C	655	158	158	519	550	6.2	36.0
VSI9C	715	171	158	519	550	6.7	40.0
VSI11C	865	206	158	519	550	8.1	47.5
VGI370	370	90	158	519	550	4.1	21.0
VGI470	470	109	158	519	550	5.0	27.5
VGI565	565	128	158	519	550	5.7	32.0
VGI645	645	148	158	519	550	6.8	36.5
VGI725	725	161	158	519	550	7.3	40.0
VCH3C	300	60	158	700	731	3.0	18.0
VCH4C	400	78	158	700	731	4.1	23.0
VCI11	528	94	158	700	731	5.1	28.0
VCH6C	580	109	158	700	731	5.9	33.0
VCH7C	680	126	158	700	731	6.9	38.5
VCH8C	770	142	158	700	731	7.7	43.5
VCI9	935	158	158	700	731	8.7	48.5
VCI21	1045	171	158	700	731	9.3	53.0
VGL300H	300	61	158	609	640	3.0	18.0
VGL400H	400	78	158	609	640	3.5	21.0

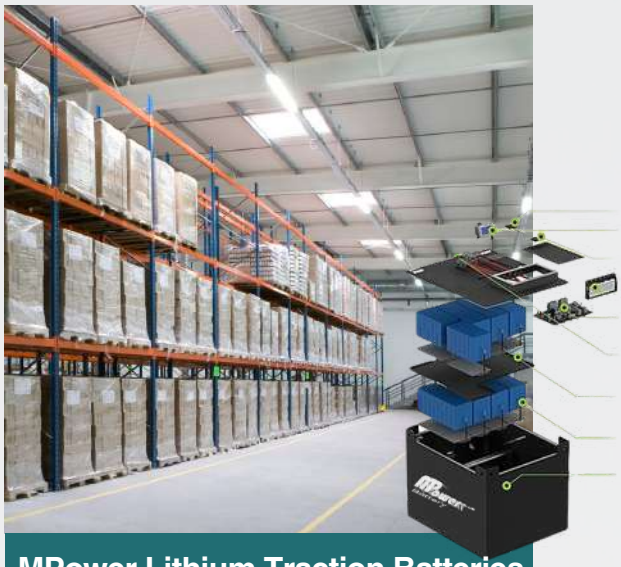
PT. YUASA INDUSTRIAL BATTERY INDONESIA
ADDITIONAL PRODUCT RANGE

POWERFUL PARTS, EVERY TIME



MPower Plus VRLA Batteries

MPower Plus VRLA Batteries provide reliable energy storage across Indonesia, supporting UPS and renewable energy applications with a wide capacity range and long service life.



MPower Lithium Traction Batteries

MPower Plus Lithium Traction Battery is a cutting-edge lithium iron phosphate battery, celebrated for its high durability, efficiency, and enhanced safety.



Nickel Cadmium (Nicd) Alkaline Batteries

Nickel Cadmium (Ni-Cd) batteries offer the versatility to industry where reliable performance is crucial, even under extreme operating conditions.



Traction Batteries Charger

PBM STAR and PBM Enerpulse series deliver proven, reliable charging solutions for Traction Lead Acid Batteries, engineered for consistent performance and operational efficiency.



Rectifier & UPS

Rectifiers and UPS deliver reliable power conversion from AC to DC while **ensuring uninterrupted and stable electricity**, safeguarding critical industrial equipment from outages and voltage fluctuations.



Services and Inspection

We provide comprehensive **services for Traction Batteries and Power Systems**, including contract-based maintenance and inspection of rectifiers and inverters to ensure optimal performance and reliability.



Driven by Power, **Committed to You**

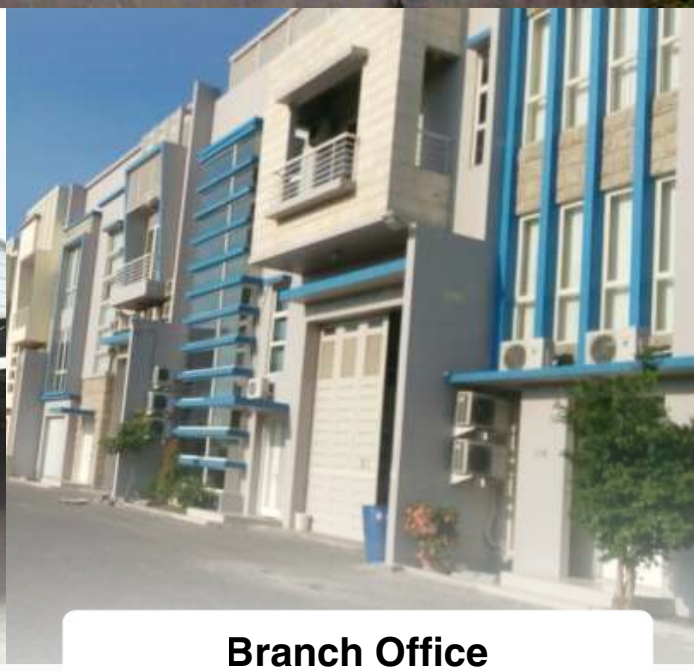
HEAD OFFICE

Pakarti Center Building, Jl. Tanah Abang III No.23, Kecamatan Gambir, Kota Jakarta Pusat, DKI Jakarta, 10160



Warehouse

Taman Tekno, Bumi Serpong Damai, blok F2 No.9



Branch Office

Grand Margomulyo Centre Jl. Margomulyo No.9 Balongsari Kota Surabaya

A GS YUASA Group Company

YUASA

021 38901932

industrial@yuasa-ind.co.id

www.yuasa-ind.co.id

Pakarti Center Building, Jl. Tanah Abang III No.23, Kecamatan
Gambir, Kota Jakarta Pusat, DKI Jakarta, 10160