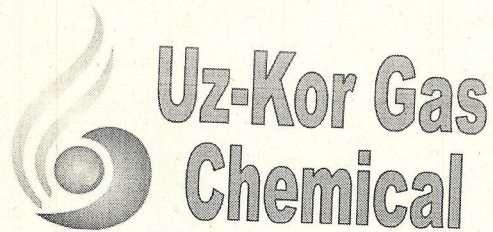


JV "Uz-Kor Gas Chemical" LLC  
230100, Republic of Uzbekistan,  
Republic of Karakalpakstan,  
Nukus city, Turtkul Guzari str. 121

СП ООО «Uz-Kor Gas Chemical»  
230100, Республика Узбекистан  
Республика Каракалпакстан  
г. Нукус, ул. Турткул Гузари 121



**TO: HEAD OF COMPANY.**

JV "Uz-Kor Gas Chemical" LLC hereinafter referred to as the Customer has announced the commencement of Competitive Selection №CS-85/26 for purchase from local market batteries in accordance with the Specification.

The potential suppliers will be disqualified from participation in competitive selection:

- a) which are under reorganization (amalgamation, joining, separation, restructuring), liquidation or bankruptcy;
- b) which didn't submit all the necessary documents for competitive selection within set timeframe;
- c) which have not fulfilled their commitments undertaken on previously concluded contracts;
- d) which have pending litigation with Customer;
- e) which are not residents of the Republic of Uzbekistan

Please provide commercial proposal by 04.05.2026 (15:00).

With respect and hope for long-term cooperation.

Exec.: R Umarov  
E-mail: [r.umarov@uz-kor.com](mailto:r.umarov@uz-kor.com)

**КОМУ: РУКОВОДИТЕЛЮ ОРГАНИЗАЦИИ.**

Совместное Предприятие Общество с Ограниченной Ответственностью «Uz-Kor Gas Chemical», именуемое в дальнейшем «Заказчик», объявляет о начале Конкурсного отбора №CS-85/26 на закупку с внутреннего рынка аккумуляторных батарей согласно Спецификации.

Не допускаются к участию в конкурсном отборе следующие потенциальные поставщики:

- а) находящиеся на стадии реорганизации (слияния, присоединения, разделения, выделения, преобразования), ликвидации или банкротства;
- б) не предоставившие в установленный срок все необходимые документы для конкурсному отбора;
- в) не надлежаще исполнявших принятые обязательства по ранее заключенным контрактам;
- г) находящиеся в состоянии судебного разбирательства с Заказчиком;
- д) не являющимися резидентами РУз

Просим предоставить коммерческое предложение до 04.05.2026г (15:00).

С уважением и надеждой на долгосрочное сотрудничество.

Исп.: Умаров Р  
E-mail: [r.umarov@uz-kor.com](mailto:r.umarov@uz-kor.com)

Условие конкурсного отбора №CS-85/26 /  
Terms of competitive selection №CS-85/26

Заказчик и организатор закупок / Customer and organizer of the procurement: СП ООО «Uz-Kor Gas Chemical» / JV «Uz-Kor Gas Chemical» LLC.

Адрес: 100128, г. Ташкент, Шайхонтохурский район, ул.Зульфияхоним, дом 112 / Address: 100128, Tashkent city, Shaykhantahur district, Zulfiyahonim str.,112

Размещение конкурсного отбора / Placing of the competitive selection at: [www.tenderweek.com](http://www.tenderweek.com);  
[www.uz-kor.com](http://www.uz-kor.com)

**Срок поставки товаров / Delivery Time:** в течение 30 календарных дней после подписания контракта / within 30 days from the date of Contract signing.

**Условия поставки / Delivery Term:** доставка до УГХК Кунградский район, посёлок Кырккыз или Ташкентского офиса / Delivery to UGCC, Kungrad district, Kyrkkyz settlement or Tashkent office.

**Условия платежа / Payment Term:** 100% оплата после поставки товара / 100% payment after delivery of the Goods.

**Срок коммерческого предложения / Validity of commercial proposals:** не менее 30 дней / not less than 30 days.

Все товары должны быть растаможены и должны быть в наличии на складе Поставщика на территории Узбекистана.

Тел/факс: 8 (378) 129-29-00 (internal 214)

На электронный адрес (сканированная версия в формате PDF).

Кому: [r.umarov@uz-kor.com](mailto:r.umarov@uz-kor.com)

**Спецификация Конкурсного Отбора №CS-85/26 /  
Specification of the Competitive Selection №CS-85/26**

№	Наименования/ Name of material	Кол-во/ Quantity	Ед изм / UOM
1	<b>Lead-acid battery 12V/25Ah</b> Voltage (V): 12 Capacity (Ah): 25 Dimension L x W x H (mm): 166 x 175 x 125 Terminals Type: M5 F EUROBAT Classification: Long life 12 years.	9	шт / pcs
2	<b>Lead-acid battery 12V/95Ah</b> Voltage (V): 12 Capacity (Ah): 95 Dimension L x W x H (mm): 302 x 175 x 227 Terminals Type: M6 F EUROBAT Classification: Long life 12 years.	14	шт / pcs

**5.2 Manual charge procedure for battery rack after storage**

Before any intervention, read the safety instructions for the batteries (refer to section 1.2 Safety instructions on page 3).

Our application requires 9 batteries each with 6 cells. The recommended charge voltage for the whole battery rack must therefore be 123 VDC (2.275 x 6 x 9).

The capacity of one battery is 25 Ah.

Charge the batteries with a charger suitable for stationary valve-regulated sealed lead-acid batteries (VRLA).

There are two charge modes:

- **Fast charge:** apply a voltage of 130 VDC for 24 h max (at 20°C) with a current limited to 6 A.
- **Floating charge:** apply a voltage of 123 VDC for 72 h max (at 20°C).

In order to optimize the service life of the batteries, avoid any overcharge at high temperature or under-charge at low temperature.

To do so, comply with the following temperature compensation rules during a floating charge:

- If the temperature is lower than 15°C, compensate the charge voltage by adding +3 mV/°C.
- If the temperature is higher than 25°C, compensate the charge voltage by subtracting -3 mV/°C.
- Stop the charge if the temperature is higher than 45°C.

**CAUTION**



After this charge, the batteries are at 100% of their capacity. Do not forget to fill in the charge cycle table.

**Table 2 – Charge cycle**

Number of recharges	Date	No-load voltage before recharge	No-load voltage after recharge	Name of the operator
1				
2				
3				
4				

**5.3 Life time before replace**

Life time of battery rack depends on ambient temperature of use.

**Table 3 - Life time of battery rack**

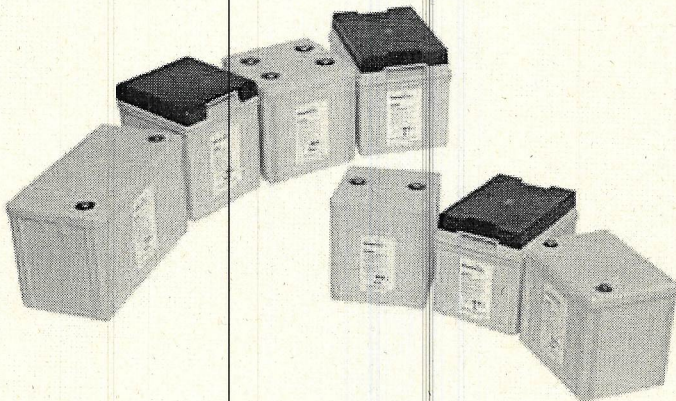
Control cabinet ambient temperature	Life time before replace
20 °C	6 years
30 °C	4 years
40 °C	2 years

## Battery Range Summary

The EnerSys® range of PowerSafe® V batteries has been designed specifically for use in applications that demand the highest levels of security and reliability. With compliance to the most rigorous international standards, PowerSafe V batteries are recognised worldwide as a premium solution for Telecom and Utility applications. The reputation of PowerSafe V batteries for long service life, together with excellent high rate performance, also makes them the number one choice for high integrity, high specification UPS systems.

PowerSafe V top terminal cells and monoblocs deliver superior performance whilst occupying less space than conventional standby power batteries. The use of V-0 rated flame retardant ABS plastic for the thick wall containers and lids offers high mechanical strength with excellent safety features.

PowerSafe V batteries are designed using gas recombination technology which removes the need for regular water addition by controlling the evolution of hydrogen and oxygen during charging. Oxygen evolved at the positive plates diffuses through microporous separators to the negative plates and, by a series of chemical reactions within the cell, recombines to form water. Each cell incorporates its own safety valve that allows the controlled release of gas when pressure builds up within the cell.



### Features and Benefits

- Capacity range: 46Ah - 518Ah
- Available in 2, 4, 6 and 12 volt units
- UL94 V-0 flame retardant containers and lids
- Designed for a wide range of applications
- High reliability
- Excellent service life

**EnerSys®**  
Power/Full Solutions

Visit us at [www.enersys.com](http://www.enersys.com)

## Construction

- Positive plates designed to prolong service life and enhance corrosion resistance
- Separators in low resistance microporous glass fibre. The electrolyte is absorbed within this material, preventing acid spills in case of accidental damage
- Containers and lids in flame retardant ABS material, highly resistant to shock and vibration
- Terminals with brass insert for maximum conductivity and with high compression grommet for long life
- Self-regulating pressure relief valves prevent ingress of atmospheric oxygen

## Installation & Operation

- PowerSafe® V cells and blocs are designed for installation in cabinets or on stands. A separate battery room is not necessary
- Cells and blocs can be mounted in vertical or horizontal orientation
- Recommended float charge voltage: 2.280Vpc at 20°C or 2.265Vpc at 25°C
- Six months shelf life at 20°C
- Reduced maintenance: no water addition required

## Standards

- In compliance with the requirements of the international IEC 60896-21/22 standard
- Classified as "Very Long Life" (> 12 years) according to the Eurobat guide 2015
- UL recognised component
- Meets criteria for "nonspillable" batteries, excepted from U.S. and international dangerous goods regulations for ground, sea and air transportation. See applicable regulations and special provisions of the US DOT, ICAO, IATA and IMDG
- The management system governing the manufacture of PowerSafe V products is ISO 9001 certified

## General Specifications

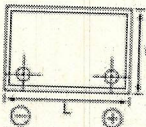
Battery Type	Nominal Voltage (V)	Nominal Capacity (Ah)		Nominal Dimensions (mm)				Typical Weight (Kg)	Short Circuit Current (A) <sup>1)</sup>	Internal Resistance (mΩ) <sup>2)</sup>	Terminals	
		10 hr rate to 1.80Vpc @ 20°C	8 hr rate to 1.75Vpc @ 25°C	Length	Width <sup>1)</sup>	Bloc/Cell Height	Height Over Connections				Type	Layout
12V45	12	46	47	218	164	204	224	17.2	1377	9.01	M6 F	V1
12V55	12	56	59	271	164	204	224	21.0	1785	6.90	M6 F	V1
12V70	12	68	70	314	164	204	224	24.9	2184	5.60	M6 F	V1
12V95	12	95	95	302	175	227	247	33.2	2586	4.88	M6 F	V2
4V105	4	103	103	191	202	235	235	15.9	2463	1.69	M8 M	V3
6V105	6	103	103	191	202	235	235	20.4	2786	2.21	M8 M	V3
6V130	6	132	134	243	206	234	243	26.8	3104	1.99	M8 F	V3
4V155	4	154	155	202	202	228	228	23.0	4800	0.80	M8 M	V5
6V155	6	154	155	292	202	228	228	33.0	4800	1.20	M8 M	V6
6V170	6	173	173	302	175	230	256	34.0	3814	1.62	M8 F	V3
2V200	2	200	194	110	208	247	270	12.8	3588	0.58	M8 F	V4
4V230	4	231	232	292	202	228	228	32.5	6082	0.68	M8 M	V5
2V275	2	275	267	142	208	247	270	16.6	4707	0.44	M8 F	V4
2V310	2	308	309	202	202	228	228	23.0	9259	0.22	M8 M	V5
2V320	2	320	329	195	208	219	245	22.0	9675	0.22	M8 F	V5
2V400/2	2	400	388	195	208	247	270	23.6	5976	0.35	M8 F	V4
2V460/4	2	462	464	292	202	228	228	32.5	10929	0.18	M8 M	V5
2V460/6	2	462	464	292	202	228	228	33.0	10929	0.18	M8 M	V6
2V500/2	2	500	484	238	208	247	270	28.2	6971	0.29	M8 F	V4
2V500/6	2	518	516	296	204	240	240	33.4	10770	0.19	M8 F	V6

Notes:

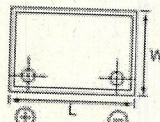
<sup>1)</sup> In horizontal installation, the width of PowerSafe V top terminal blocs and cells becomes the height, irrespective of positive and negative polarities.

<sup>2)</sup> Figures obtained via IEC method.

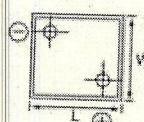
## Terminal Layouts



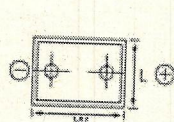
V1



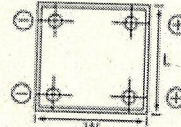
V2



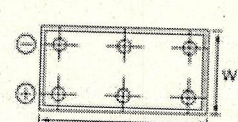
V3



V4



V5



V6

**EnerSys**  
Power/Full Solutions

EnerSys World Headquarters  
2366 Bernville Road, Reading  
PA 19605, USA  
Tel: +1-610-208-1991 /  
+1-800-538-3627

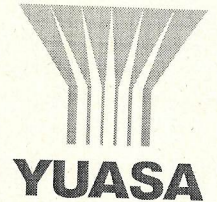
EnerSys EMEA  
EH Europe GmbH  
Baarerstrasse 18  
6300 Zug  
Switzerland

EnerSys Asia  
152 Beach Road  
Gateway East Building #11-03  
Singapore 189721  
Tel: +65 6508 1780

Contact:

# Yuasa Technical Data Sheet

## Yuasa SWL750 Industrial VRLA Battery



### Specifications

Nominal voltage (V)	12
10m rate Constant Power (Typ) to 9.6V at 20°C (W/Block)	767
10m rate Constant Power (Typ) to 1.6V/cell at 20°C (W/Cell)	128
20-hr rate Capacity to 10.5V at 20°C (Ah)	25
10-hr rate Capacity to 10.8V at 20°C (Ah)	22.9

### Dimensions

Length (mm)	166 (±2)
Width (mm)	175 (±1)
Height (mm)	125 (±2)
Mass (kg)	9.8

### Terminal Type

Threaded terminal - (M=Male or F=Female)	M5 (F)
Torque (Nm)	2.5

### Operating Temperature Range

Storage (in fully charged condition)	-20°C to +60°C
Charge	-15°C to +50°C
Discharge	-20°C to +60°C

### Storage

Capacity loss per month at 20°C (% approx.)	3
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### Case Material

Standard	ABS (UL94:HB)
FR version available	UL94:V0

### Charge Voltage

Float charge voltage at 20°C (V)/Block	13.65 (±1%)
Float charge voltage at 20°C (V)/Cell	2.275 (±1%)
Float Chg voltage tmp correction factor from std 20°C (mV)	-3
Cyclic (or Boost) charge Voltage at 20°C (V)/Block	14.5 (±3%)
Cyclic (or Boost) charge Voltage at 20°C (V)/Cell	2.42 (±3%)
Cyclic Chg voltage tmp correction factor from std 20°C (mV)	-4

### Charge Current

Float charge current limit (A)	No limit
Cyclic (or Boost) charge current limit (A)	5.725

### Maximum Discharge Current

1 second (A)	500
1 minute (A)	150

### Short-Circuit Current & Internal Resistance

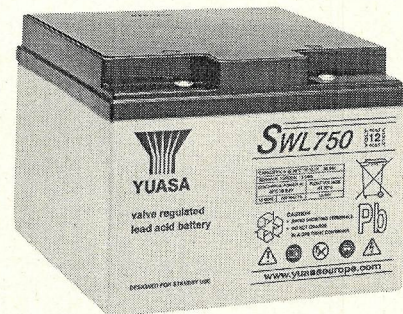
Internal resistance - according to EN IEC 60896-21 (mΩ)	20.47
Short-Circuit current - according to EN IEC 60896-21 (A)	714

### Impedance

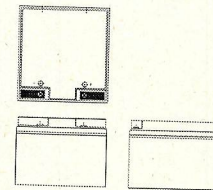
Measured at 1 kHz (mΩ)	8.5
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### Design Life & Approvals

EUROBAT Classification: Long life	10 to 12 years
Yuasa design life at 20°C (yrs)	up to 10 years



### Layout



### 3rd Party Certifications

ISO9001 - Quality Management Systems  
 ISO14001 - Environmental Management Systems  
 ISO45001 OHSAS Management Systems  
 UNDERWRITERS LABORATORIES Inc.



### Safety

#### Installation

Can be installed and operated in any orientation except permanently inverted.

#### Handles

Batteries must not be suspended by their handles (where fitted).

#### Vent valves

Each cell is fitted with a low pressure release valve to allow gasses to escape and then reseal.

#### Gas release

VRLA batteries release hydrogen gas which can form explosive mixtures in the air. Do not place inside a sealed container.

#### Recycling

YUASA's VRLA batteries must be recycled at the end of life in accordance with local and national laws and regulations.

Data Sheet generated on 29/01/2023 - E&OE

The world's leading battery manufacturer

www.yuasaeurope.com

