

International Scientific and Industrial Corporation



**BATTERIES, ENERGY SOLUTIONS
FOR YOU AND YOUR BUSINESS**



*The largest manufacturer of
lead-acid batteries in Ukraine*

westa.ua



PRODUCTION TECHNOLOGY

The batteries from ISIC "WESTA" are distinguished by high cold start current performance, minimal water loss during recharge, low self-discharge rate, reliability, and durability, which are confirmed by their enhanced starting characteristics and frost resistance. These batteries are designed for use under harsh operating conditions.

The batteries contain components that ensure their environmental safety and explosion safety.

In terms of their technical and operational characteristics, the batteries produced by ISIC "WESTA" meet the requirements of the European standard EN 50342 and the national standard of Ukraine DSTU GOST 959:2006. Regarding water consumption and self-discharge rate, the company's batteries have the best performance among European manufacturers.





Westa EFB



An EFB battery is an enhanced flooded battery with a liquid electrolyte. These batteries withstand higher charging currents and degrade more slowly, thus lasting longer. EFB batteries perform as well as AGM batteries but at a significantly lower cost.

Westa Premium



- Additional capacity compared to standard battery
- Increased starting and storage characteristics
- Reliable engine start in winter
- Extended service life
- Reduced water consumption (up to 1 g/amp-hour charge)
- Increased frost resistance, specified cold cranking currents guaranteed
- High reliability Low self-discharge
- Explosion-proof
- No maintenance required

Westa Standart



- Full compliance with European standards
- High starting parameters
- Functionality and universal installation
- Increased frost resistance
- Low self-discharge
- Reduced water consumption
- Improved deep discharge resistance
- Enhanced reliability in challenging conditions
- Improved explosion-proofing
- Enhanced specific capacity



Westa Asia EFB



The Westa Asia EFB Series batteries are designed for vehicles equipped with a start-stop system.

Ideal for use in conditions of frequent engine stops and starts.

In fact, it is an improved version of WET batteries.

These innovations ensure high starting currents and reliable resistance to low discharges, which is especially important in low temperature conditions.

Westa Asia



The Westa JIS Asia automotive battery, with a nominal voltage of 12 V, is manufactured in accordance with the requirements of DSTU IEC 60095-1, EN 50342-1, and the technical specifications for batteries of a specific type. It is designed for starting engines and powering electrical equipment in automotive and tractor machinery.

The battery is supplied to consumers with the electrolyte filled and charged.





WESTA BATTERIES FOR TRUCKS



Westa batteries for trucks and mobiles provide reliable and efficient operation of vehicles in the most difficult operating conditions, and, without no doubt, they deserve to be chosen! Tested by drivers and owners of truck owners. This battery is the flagship of the Ukrainian production of WESTA corporation holds a strong position in the battery market not only in Ukraine but also and abroad.

Developed and started the production of a battery for trucks in the EFB class

- Increased service life
- Overcharge resistance
- Reduced water consumption
- Low self-discharge





The WESTA AGRO TRUCK is a high-quality power source that confidently starts the large diesel or gasoline engine of a tractor or combine harvester. The most important factor for this particular group of wheeled vehicles is the ability to operate smoothly in the most difficult conditions.

ENERGY SECURITY SOLUTIONS



WESTA DEEP CYCLE GC2 - 225 STATIONARY BATTERY PACK



We present a new type of WESTA TM product - a stationary battery GC2-225 stationary battery. This is an innovative development using the high scientific and technical and technical potential of the Ukrainian corporation WESTA. Universal - traction long-life, lead-acid

batteries with liquid electrolyte - are designed for backup power supply of various devices and equipment.

RECOMMENDED:

- As a source of backup power for: indoor lighting, household pumpspumps, heating systems, water supply systems and other systems withoutuninterruptible power supply systems;
- To power lifting platforms, warehouse equipment and equipment, trackless transport and other traction machines;
- For washing machines (for cleaning and cleaning carpets, polishing, floor cleaning);
- For motorhomes, golf carts, etc.

Type	Dimensions, mm			Capacity, Ah	Voltage, V	Reserve capacity, min		Weight, kg	Durability at depth of discharge (%)		
	L	W	H			q-ty of cycles					
						25A	75A		25%	50%	75%
GC-225	262	181	286	225	6	445	115	29.3	700	215	50



ENVIRONMENTAL CONTROL

The company pays great attention to occupational health, safety and environmental protection.

Collecting and recycling used batteries.

To protect the water basin, a comprehensive industrial wastewater neutralisation plant was built, equipped with the latest technology. The technology developed by the company's specialists involves a multi-stage technological process. The capacity of the neutralisation station is 15 m/h, with a water purification rate of 98%.

To clean the aspiration air from sulphuric acid aerosols, special filters with a 98% capture rate manufactured by the German company Jager are used. The filtration systems are automatically operated and controlled by a computer system.

The sanitary and ecological laboratory controls the compliance of harmful emissions at each production stage with permitted sanitary standards and monitors environmental and hygienic conditions.





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