

# ESS container cost breakdown in Portugal 2026

Will the container industry be bleak until 2026?

Composed of highlights from the Annual Container Census & Leasing Report 2022/23 and Container Equipment Forecaster 2Q22, published at the end of the second quarter, the results forecast a bleak scenario for the industry up until 2026. The signs began to show in 2021 and have accentuated during the first six months of 2022.

What is containerized ESS?

The Containerized ESS is a technically mature solution that answers to shipowners' demand to retrofit vessel power distribution systems and add a battery of significant capacity. The pre-assembled and factory-tested equipment and cabling make the Containerized ESS solution easy to integrate with all vessel sub-systems.

How much storage capacity does a Bess container have?

Driven by bigger cells sizes and other technology advances, the industry is also increasingly seeing 20-foot BESS containers with 5MWh storage capacity from system integrators and vertically integrated battery manufacturers. Some are even exceeding that capacity, such as CATL with its 6.25MWh Tener solution.

Are European container shipping companies making significant windfall profits?

T&E finds that European container shipping companies are likely to make significant windfall profits by setting these surcharges higher than their ETS costs. The world's first carbon market for shipping came into force at the beginning of this year. T&E assesses how shipping companies have externalised the costs

How have shipping companies externalised their carbon costs?

T&E assesses how shipping companies have externalised the costs. The world's first carbon market for shipping, the EU shipping ETS, entered into force on 1 January 2024. Initially, shipowners will purchase emission allowances for 40% of their emissions, increasing to 70% in 2025 and 100% in 2026.

What is the forecast for Global throughput growth in 2026?

Adjusted forecast for global throughput growth is projected between 2.9% - 3.4% annually until 2026, reflecting the container market. Growth in container trade is increasing, albeit slower. Therefore, demand for equipment is still rising. Record equipment production

AZE's 20Ft or 40Ft ESS container solution gives the flexibilities for customer to deploy the system nearly in any nodes in the grid, supporting the services such as emergency power, new energy stabilizer, energy shifting, load shaving, grid ...



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