

Offshore Modular Data Center IP65



Overview

IP65 / NEMA 4 Rated - Dust tight and weather hardened Ready for the far edge:
ETSI300 / GR487 compliant Maintains 10°C to 35°C internal operating range (ASHRAE A2) Need an MDC that's even more customized to your needs?

Talk to us about a custom-built solution. Offshore data centers, which can be floating, subsea, or fixed, offer several advantages over traditional land-based facilities: Energy Efficiency: Coastal and offshore environments provide natural cooling, reducing energy consumption. Scalability: Floating platforms can be deployed in areas with. Rugged IP65-rated enclosure with 8kW integrated best-in-class cooling. Industry-leading nominal cooling capacity designed with next generation IT in mind. Need an MDC that's designed to your needs?

Talk to. 42U-50kW-80GPU Field-Ready Modular Data Center 7STARLAKE's highly mobile, forward-deployed RK4000 Edge Modular Data Center (MDC) solution, powered by conduction-over-liquid-cooledAV2000GPU servers, is purpose-built for operation in contested environments. Complemented by military-grade SN3420-D22. Alexander C. Kaufman is an award-winning reporter who has covered energy and climate change for more than a decade. As data-center developers frantically seek to secure power for. Meet the EcoStruxure Modular Data Center Integrated UPS, switchgear and management software in a weather proof enclosure, optimized for scalable data center power. Scalable power when you need it. For more information, visit:. Our MDCs feature 4th Gen Intel® Xeon® Scalable processors—featuring built-in accelerators to improve performance across the fastest-growing workloads in AI, data analytics, networking, storage, and HPC.

Article Content

May 18, 2026

Top 10: Modular Data Centre Companies | Data Centre

Discover the top 10 companies driving the future of modular data centres with innovative, scalable and sustainable infrastructure solutions. As

Jul 16, 2025

Aker BP and Armada deploy modular offshore data center to process ...

Aker BP and Armada are installing a modular data center on Norway's Continental Shelf to process drilling data directly at the rig. The setup cuts reliance on onshore cloud systems,

Sep 16, 2025

MarketsandMarkets

Revenue Impact Firm - MarketsandMarkets offers market research reports and quantified B2B research on 30000 high growth emerging opportunities to over 10000 clients worldwide. Get detailed insights

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RK4000 | 7STARLAKE

7STARLAKE's highly mobile, forward-deployed RK4000 Edge Modular Data Center (MDC) solution, powered by conduction-over-liquid-cooledAV2000GPU servers, is purpose-built for operation in

Jun 05, 2026

Modular Data Centers That Propel Innovation

Dell Technologies modular data center solutions What makes our MDCs diferent than the rest is that we take an IT-centric approach and leverage our deep understanding of technology requirements and

Sep 25, 2025

Aker BP taps Armada for offshore modular AI data center to process ...

Aker BP partners with Armada to deploy offshore modular AI data center for edge processing of drilling data, improving uptime, resilience and remote operations.

Oct 30, 2025

The Modular Data Center Ultimate Guide

A modular data center is a quick, flexible, and cost-effective way to boost your data storage. Using prefabricated

Jul 13, 2025

Modular Data Centers That Propel Innovation

Our purpose-engineered modules and components deliver scalable, long-term, and sustainable data center capacity anywhere compute is needed. As we've been building these solutions for decades,

Sep 19, 2025

Telecom Shelter

Telecom Shelter - IP65 - Minimal Maintenance - Galvanized - Ehouse - Equipment - Rack Cabin - Roxtec- Bus Bar - GSM Shelter - Manufacturer - Fire

May 24, 2026

MODULAR ENERGY STORAGE SYSTEM FOR DATA CENTERS

Enter the modular energy storage system for data centers with cloud monitoring, the tech equivalent of a Swiss Army knife in an industry still using screwdrivers.

Apr 12, 2026

Floating Wind Turbines Host Data Centers

Norway is getting an offshore floating wind turbine that will house a data center in its hull.

Dec 16, 2025

Offshore Data Centers

By fostering collaboration and staying at the forefront of advancements, ABS provides a robust framework for offshore data centers, whether floating, subsea,

Apr 06, 2026

5 Largest Underwater Data Centers in the World

The central idea was to build modular, floating data centers on barges or ships. These would be positioned offshore near coastal cities, powered by

Dec 18, 2025

Aker BP And Armada Enter Agreement To Deploy Offshore Modular Data Center

Aker BP and Armada have entered into an agreement to deploy Armada's Galleon modular data center for use in an offshore drilling environment on the Norwegian Continental Shelf.

Jan 30, 2026

Know The Requirements For Modular Data Centers

Learn about data center design,data center expansion,modular data centers,critical facilities and related trends for building operations success

Jun 07, 2026

Modular Data Center Solutions | Dell USA

Deploy technology at the edge or anywhere your data is generated with modularized, integrated racks built outside traditional data center constraints.

Dec 31, 2025

Aker BP, Armada to deploy offshore modular data center for AI-driven ...

Aker BP and Armada will deploy a modular offshore data center on the Norwegian Continental Shelf, enabling real-time AI-driven drilling analytics, improved operational resilience and

Mar 11, 2026

Offshore modular data center used for AI-driven drilling operations in ...

Under the agreement, Armada will deliver its Galleon modular data center, designed for offshore conditions, to support local compute capabilities in environments where connectivity to

Oct 04, 2025

Microsoft finds underwater datacenters are reliable,

Microsoft retrieved the Northern Isles underwater datacenter from the seafloor off Scotland's Orkney Islands. Project Natick is proving the concept of

Apr 24, 2026

EcoStruxure™ Modular Data Center | Schneider Electric

Meet the EcoStruxure Modular Data Center Integrated UPS, switchgear and management software in a weather proof enclosure, optimized for scalable data

Apr 15, 2026

Under the sea, Microsoft tests a datacenter that's quick to deploy ...

Powered by renewable energy The Northern Isles is a chapter in the continuing story of Project Natick, one that tells a tale

Jan 12, 2026

Modular Energy Storage Systems with IP65 Rating: The Silent

The IP65 protection standard – offering complete dust-tightness and resistance to water jets – has become non-negotiable for critical infrastructure. Recent deployments in Dubai's solar-powered data

Aug 04, 2025

Prefabricated modular solutions

Modular data centers assure scalability for future expansions, embody repeatable designs, and exhibit superior quality via factory control. This simplified assembly

Sep 28, 2025

Project Natick Phase 2

A research project to determine the feasibility of subsea datacenters powered by offshore renewable energy Project Natick seeks to understand the benefits and

Jun 18, 2026

EcoStruxure™ Modular Data Center | Schneider Electric

Transforming data center design and construction, modular data centers conquer space challenges and support quick scaling in industrial environments.

Mar 14, 2026

Floating Wind Turbines Host Data Centers

As data-center developers frantically seek to secure power for their operations, one startup is proposing a novel solution: Build them into floating

Jun 05, 2026

Modular Data Center Market Size & Growth Drivers

Modular Data Center Market Analysis by Mordor Intelligence The Modular Data Center Market size was valued at USD 41.35 billion in 2025 and is

Contact Us

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