

Diesel Generator set 30kva 24kw Data Center Backup Power Generators portable

Specifications :

Price	Contact us
Brand Name	Huali
Place of Origin	China
Min.Order Quantity	1
Payment Terms	OEM?ODM?OBM
Supply Ability	1000
Delivery Detail	3-7days

Detail Introduction :

Data Center Backup Power Generators are critical components in safeguarding the continuous operation of data centers. With their robust design, reliability, and efficiency, they ensure that data centers can keep the digital world running smoothly, even in the face of power disruptions.

Product Composition

Engine	The engine, often diesel-powered for high reliability and efficiency, converts fuel into mechanical energy. It is tuned for long-duration, high-load operations typical of data center outages.
Fuel System	This includes large-capacity fuel tanks to support extended operation times, fuel pumps, and filters to ensure clean fuel delivery for efficient engine performance.
Cooling System	Given the substantial heat generated, a robust cooling system, usually liquid-cooled, is critical to maintain optimal operating temperatures and prevent overheating.
Exhaust System	Efficient exhaust systems are designed to manage and reduce emissions from the generator, ensuring compliance with environmental standards.
Control Panel	The control panel offers user interface capabilities for monitoring generator performance and includes automatic start/stop features, alarm systems, and power management controls.

Usage Method

To use a Data Center Backup Power Generator, one typically follows these steps:

Ensure regular testing under load to confirm readiness.

At power outage, the generator automatically starts, taking over power supply with minimal interruption.

The control panel monitors status and performance, adjusting loads and operations as necessary.

Maintenance Practices

Proper maintenance is crucial for reliability:

Regularly check and change oil, coolant, and fuel filters.

Perform comprehensive inspections of all components for wear and tear.

Test the generator under load conditions to ensure it performs as expected when needed.

Keep the generator and its surroundings clean to prevent any operational interference.



Product Advantages and Features

Data Center Backup Power Generators offer numerous benefits:

Reliability: Designed for 24/7 operation with automatic start/stop functionality to ensure uninterrupted power supply.

High Capacity: Capable of handling the substantial power needs of modern data centers.

Efficiency: Engineered for fuel efficiency to reduce operating costs and environmental impact.

Durability: Built to last with high-quality materials and components, ensuring long service life even under demanding conditions.

Compliance: Meets strict environmental and safety standards, making them suitable for use in various regulatory environments.