

Piezoelectric Diesel Injectors for Marine Power Systems and Stationary Generator Units

Specifications :

Price	Contact us
Place of Origin	China
Min.Order Quantity	10
Payment Terms	OEM?ODM?OBM
Supply Ability	1000
Delivery Detail	3-7

Detail Introduction :

Marine propulsion and backup power plants operate under continuous heavy loading for extended periods, demanding uncompromising injector reliability and high fuel efficiency. These specialized piezo injectors deliver instantaneous fuel metering response to sudden load shifts on power grids or marine propellers. Encased in anti-corrosive, marine-grade stainless housing, they withstand high-humidity marine atmospheres and harsh industrial environments while maintaining strict fuel flow accuracy.

Key Product Highlights:

Ultra-Fast Transient Load Response: Piezoelectric crystal stacks adjust fuel delivery immediately when generator or marine engine load changes.

Marine & Industrial Corrosion Protection: Specialized coatings and high-grade stainless bodies protect against saltwater vapor and humidity.

Continuous Heavy-Duty Reliability: Engineered for long operating lifespans in remote offshore drilling platforms and continuous power stations.

Optimal Fuel Atomization: Deep spray penetration overcomes high cylinder pressures in large-bore stationary diesel engines.

Target Applications:

Marine Engines: Mid-to-low speed marine diesel propulsion engines, ocean-going cargo ships, and offshore drilling platforms.

Power Generation: Large stationary diesel generator sets, continuous power plants, and mining power units.

Why Choose Us:

Our marine and industrial piezo injectors are manufactured to meet strict international maritime and heavy-industry quality benchmarks. Each unit is pressure-tested against marine fuel viscosity ranges to ensure zero pressure leakage, extended maintenance cycles, and uninterrupted power generation.