

## Stellar Voyager X-12

Class: Deep-Space Exploration Vessel

Length: 150 meters

Width: 60 meters

Height: 30 meters

Mass: 12,000 metric tons

Propulsion: Quantum Ion Drive with Variable Vector Thrusters

Maximum Speed: 0.85 the speed of light (c)

Range: Interstellar travel capabilities with a range of 1,000 light years

Power Source: Zero-point Energy Reactor (ZPER) with auxiliary solar panels

Hull Material: Composite Meta-Alloys (for enhanced durability and radiation protection)

Crew Capacity: Accommodates a crew of 50 explorers and scientists

Life Support: Advanced Bioregenerative Life Support System (for extended missions)

Cargo Capacity: 5,000 cubic meyers

Sustainable Life Systems: Hydroponic gardens and algae-based bioreactors for food production and recycling