FIBA CANNING INC: Home of the World's Largest Tube Trailers:
Authorized distributor for LightSail Energy
sales@fibacanning.com www.fibacanning.com
Phone: 416-299-1142 or 905-982-0328

LightStore

Highest capacity module in the world within the 80,000 lb. GVW class

- High-flow valves, receptacles and large diameter tubing to allow fast fill and discharge (7,800 SCFM max flow)
- Single point convenience for fill/discharge
- Optional remote pneumatic activated valves
- Optional wireless data collection and analytics
- All valves and sensitive manifolds located in a reinforced cage for crash and roll-over safety
- Conveniently located emergency stops
- Anti-tow away brake interlock system
- Robust fire protection system - floor barriers, distributed sensors and high flow relief devices
- Passive ventilation system
- Grounding lug
- Lightweight composite side/roof panels

GAS TRANSPORT MODULE

Model	LS53-8-25D-100
Gas Tanks	8 Type 4 Carbon Tanks
Water Volume	44,172 L
Operating Pressure	3,625 psi (250 bar)
CNG Capacity (250 bar, 21°C)	472,320 SCF
Module Tare	33,869 lb.
Payload	21,229 lb.
Maximum Gross Mass	55,098 lb.
Module Dimensions	53 ft. L x 8 ft. W x 8 ft. H
Allowable Gases	Natural Gas, Hydrogen, Argon, Helium, Nitrogen, Neon

CERTIFICATIONS

- Module Design Approval: ABS Type AB/337/15
- ABS Rules for Cargo Containers
- CSC: International Convention for Safe Containers
- ISO 1496-3: Tank Containers
- CGA TB-25: Design Considerations for Tube Trailers
- IMDG: International Maritime Dangerous Goods Code
- Container Registration: Bureau International des Containers et du Transport Intermodal, France

Transport Canada

- U.S. DOT Pipeline and Hazardous Materials Safety Administration Special Permit per ISO 11515 (4/'16)
- DOT 49 CFR 450-453, 178.71, 178.74, 178.75
- Transport Canada Equivalency Certificate per ISO 11119-3/ISO 11515, CSA B341, CSA B342 (6/'16)
- Multi-Element Gas Container (MEGC) approved for road, rail and cargo vessel transportation
- Tanks, module manifold and frame are factory tested
- DOT Independent Inspection Agency verified

LightSail Energy

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