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**

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

---

**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
- U.S. DOT Pipeline and Hazardous Materials Safety Administration Special Permit per ISO 11151 (4/16)
- DOT 49 CFR 450-453, 178.21, 178.74, 178.75
- 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