

Global Charge Systems

Ideal for **Main Line Valve** stations on liquid pipelines

- ➔ Power output ranges from 400 watts- 4kw
- ➔ Fully autonomous, self-contained power system
(This can be designed in Sea-Cans for easy transportation, or self-framed shelters)
- ➔ Operates on: NG, LNG, Gasoline or Diesel
- ➔ 15+ Year Design life with annual maintenance intervals

Basic Summary of Operation:

- ➔ Uses "cycle charging" gensets to extend maintenance intervals
- ➔ Automatic load following, operating gensets at peak efficiency to extend refueling intervals
- ➔ Optimized to maximize battery and genset life, we use extended run gensets with oil sumps to provide 1 year maintenance interval
- ➔ Reliability designed through redundant gensets, Controllers, battery strings and envelope heating modes
- ➔ Hybrid Options Available

System Features:

- ✓ Battery Management
- ✓ Intelligent charging
- ✓ Temperature management
- ✓ Load disconnect options
- ✓ Generator Management
 - Max. Efficiency
 - Minimum starts
- ✓ Industrial Generators, with Extended run capacity
- ✓ Load Management
(Critical AC,DC)
- ✓ Redundant components for reliability
- ✓ HVAC design



For an overview of our typical Global Charge /Cycle Charge system visit our YouTube Link:
https://www.youtube.com/watch?v=SoWTtB-lbc&index=4&list=UUxTGC1H6fZx2_m7IJ01eWcQ