

Battery Range Summary



EnerSys® PowerSafe® OGi batteries feature Vented Lead Acid (VLA) technology ideal for utility market applications. OGi's rod plate composition offers a high energy density design providing a space-efficient footprint savings and long life. The low antimony alloy grid reduces water consumption and subsequently reduces maintenance costs.

The high impact molded clear Styrene Acrylonitrile (SAN) jar allows for easy inspection of the plates and electrolyte level. The elevated post design allows easy access for utilizing measuring devices to ensure fast and easy voltage and ohmic readings for fulfillment of NERC requirements.

High integrity terminal design maximizes operational safety and inhibits electrolyte leaks. These features along with insulated copper connectors provide a reliable, safe and durable battery for your utility applications.

Features and Benefits

- Proven, reliable flooded lead acid battery technology
- Excellent for utility duty cycle
- Industry-standard size jars
- Amp-hour range 60Ah to 280Ah (C_8 to 1.75Vpc @ 77°F)
- Space saving footprint design in 12V and 6V configurations
- Fully insulated connectors for personal protection
- Raised terminal posts to enable measurements directly from post

Construction

- Rod style positive flat plate grid
- Pasted flat plate negative grid optimized for maximum performance
- Special microporous separator with glass fiber mat
- Durable, high impact resistant, clear SAN jar allows visual inspection of plates and electrolyte
- Opaque ABS (Acrylonitrile Butadiene Styrene) lid
- Dilute sulphuric acid electrolyte - 1.240 Specific Gravity at maximum level line
- Leak resistant safety pole post design with brass insert

Installation and Operation

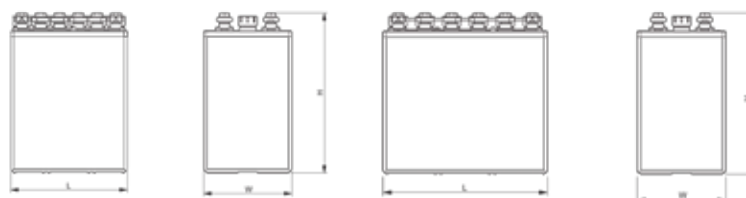
- Footprint offers extremely efficient space utilization
- Equipped with flame arrestor vent plugs for safe operation
- Encapsulated connectors and bolts offer added safety
- Raised posts allow easy parameter measurements without disassembly
- Low antimony grid alloy greatly reduces watering intervals compared to antimony grid
- Operating temperature range: 14°F (-10°C) to 113°F (45°C)
Recommended temperature range: 68°F (20°C) to 86°F (30°C)

Standards

- Compliant with IEC 60896-11
- Compliant with DIN 40737-3

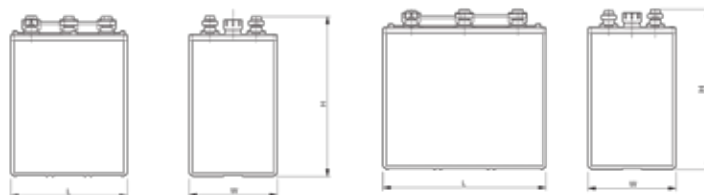
General Specifications

Model	Nominal Voltage (V)	Nominal Capacity (Ah)		Nominal Dimensions						Electrolyte (1.240 S.G.)				Pure Acid (H2SO4) Acid					
		8hr. Rate 1.75Vpc @77°F (25°C)	1hr. Rate 1.75Vpc @77°F (25°C)	Length		Width		Height		Volume (per jar)		Weight (per jar)		Volume (per jar)		Weight (per jar)			
				in	mm	in	mm	in	mm	lbs	kg	gal	L	lbs	kg	gal	L	lbs	kg
6 OGi 60	12	56		10.71	272	8.07	205	15.20	385	88.32	40.10	2.32	8.77	23.98	10.88	0.54	2.06	8.18	3.71
6 OGi 80	12	84		10.71	272	8.07	205	15.20	385	106.37	48.30	2.24	8.47	23.15	10.50	0.53	1.99	7.90	3.58
6 OGi 110	12	112		10.71	272	8.07	205	15.20	385	122.19	55.40	2.16	8.17	22.32	10.13	0.51	1.92	7.61	3.45
6 OGi 140	12	140		14.96	380	8.07	205	15.20	385	158.75	72.00	3.01	11.38	31.10	14.11	0.71	2.67	10.61	4.81
6 OGi 170	12	168		14.96	380	8.07	205	15.20	385	175.10	79.40	3.24	12.28	33.57	15.23	0.76	2.89	11.45	5.19
3 OGi 200	6	197		10.71	272	8.07	205	15.20	385	95.87	43.50	1.22	4.63	12.65	5.74	0.29	1.09	4.32	1.96
3 OGi 225	6	225		10.71	272	8.07	205	15.20	385	103.27	46.80	1.21	4.57	12.48	5.66	0.28	1.07	4.26	1.93
3 OGi 250	6	253		14.96	380	8.07	205	15.20	385	127.26	57.70	2.00	7.56	20.67	9.38	0.47	1.78	7.05	3.20
3 OGi 280	6	281		14.96	380	8.07	205	15.20	385	134.72	61.10	1.96	7.41	20.26	9.19	0.46	1.74	6.91	3.13



6 OGi 60
6 OGi 80
6 OGi 110

6 OGi 140
6 OGi 170



3 OGi 200
3 OGi 225

3 OGi 250
3 OGi 280



www.enersys.com

EnerSys World Headquarters 2366 Bernville Road, Reading, PA 19605, USA Tel: +1-610-208-1991 / +1-800-538-3627

EnerSys EMEA EH Europe GmbH, Baarerstrasse 18, 6300 Zug, Switzerland Tel: +41 44 215 7410

EnerSys Asia 152 Beach Road, Gateway East Building #11-03, Singapore 189721 Tel: +65 6508 1780

© 2016 EnerSys. All rights reserved.
Trademarks and logos are the property of EnerSys and its affiliates unless otherwise noted.
Subject to revisions without prior notice. E.&O.E.

Publication No: US-OGi-RS-AB October 2016