



Features & Benefits

- Proven VRLA gel technology
- Extensive capacity range: 33Ah to 250Ah
- Excellent deep discharge recovery and cyclability
- Classified as "Very Long Life" (> 12 years) according to the Eurobat guide 2015
- Very low maintenance: no water addition
- Low self-discharge rate

Battery Range Summary

The Enersys[®] range of Genesis[®] FPG batteries is suitable for a broad range of applications including telecommunications, power generating stations and distribution systems, railway, airport and seaport signalling, computing, emergency lighting, automation and measuring systems.

The Genesis® FPG range of valve regulated leadacid batteries uses proven gel technology to offer a very high levelof reliability. These products benefit from an optimised plate design, robust plastic and colloid electrolyte, offer both an excellent float life and a high cycle life for a truly flexible solution.

Enersys is an industrial technology leader serving the global community with mission critical stored energy solutions that meet the growing demand for energy efficiency, reliability and sustainability. We are driven by a passion to provide people everywhere with accessible power to help them work and live better.



Installation & Operation

- Recommended float charge voltage: 13.5V-13.8V
- Recommended Equalization voltage: 13.SV-14.IV
- Recommended operation temperature range: 20°C-30°C
- Shelf life: every 6 months
- Maximum Charging Current Limited: 0.2C

Standards

- Tested according to international standard IEC 60896-21 and compliant to defined requirements of IEC 60896-22
- The management systems governing the manufacture of Genesis FPG batteries are ISO 9001, ISO 14001 certified.
- Classified as "Very Long Life" (> 12 years) according to the Eurobat guide 2015
- Batteries must be installed in accordance with IEC 62485-2 and national/local regulations
- Classified as non-spillable battery and approved as non-hazardous cargo for land, sea and air transportation in accordance with the requirements of ADR / RID, IMDG and IATA respectively

Battery Type	Nominal Voltage (V)	Nominal Capacity (Ah)	Length (mm)	Depth (mm)	Overall Height (mm)	Weight (kg)	Internal Resistance (mΩ)	Short Circuit (A)	Terminal Layout	Terminal Type
FPG36-12RFR	12	33	195	131	158	10.2	15.0	1500	1	M6F
FPG40-12RFR	12	40	198	166	158	12.5	10.5	1700	2	M6F
FPG55-12RFR	12	55	228	138	215	17.5	9.0	1900	1	M6F
FPG65-12RFR	12	65	348	167	179	21.5	8.0	2000	1	M6F
FPG70-12RFR	12	70	260	168	215	25.0	7.0	2100	1	M6F
FPG90-12RFR	12	90	306	168	214	31.0	6.0	2650	1	M6F
FPG100-12RFR	12	100	328	171	215	32.0	5.5	2900	1	M6F
FPG120-12RFR	12	120	409	176	223	38.0	5.0	3300	1	M8F
FPG140-12RFR	12	140	342	172	280	41.0	5.2	2800	1	M8F
FPG150-12RFR	12	150	483	170	240	45.5	4.8	4500	1	M8F
FPG160-12RFR	12	160	532	207	224	54.5	4.5	3300	3	M8F
FPG180-12RFR	12	180	500	207	240	56.5	4.0	3700	3	M8F
FPG200-12RFR	12	200	522	239	222	65.0	3.6	5000	3	M8F
FPG250-12RFR	12	250	521	269	222	76.0	3.3	6050	3	M8F

General Specifications

Battery Terminal Layouts







Contact:



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