



POWER SERIES
GSR 200 AH HGT

12V
200Ah

Salient Features

- **Positive Grid** : Fine Crys high pressure die-cast (PDC) tubular spines, lower rate of grid corrosion.
- **Specially formulated alloy** : For better cyclic performance even at elevated temperatures.
- **Antimony free Alloy** : Long shelf life due to low self-discharge.
- **Tetra Base paste** : Specially engineered formula to enhance the cycle life in deep discharge application.
- **Thixo Gel** : Specially formulated gelled electrolyte for improved high temperature performance.
- **Valve regulated** : No water top-up during entire service life.
- **Mounting** : Can be mounted both in horizontal and vertical orientation (Applicable for 2V cells).
- **Faster charging** : Can charge up to 40% of the capacity (Charge current limit).

Applications

- Rural Electrification
- Street Lighting /Home Lighting
- Telecommunication
- Offshore Platforms
- Hybrid Power Systems
- Navigational Aids
- Battery Energy Storage Systems



HIGH PERFORMANCE



FAST CHARGE



STRONGER BATTERY & LONG LIFE



MAINTENANCE FREE

AVAILABLE RANGE

12V 100AH to 12V 200AH

DIMENSIONAL AND ELECTRICAL DATA (TRIUMPH SERIES)

Model	Nominal capacity (Ah) at C10	No. of basic cells per module	Battery Dimensions				Capacity at 1.75 ECV (Ah)			
			Length ± 5mm	Width / Depth* ± 5mm	Height ± 5mm	Weight (Kg) ± 5%	1hr	3hr	5hr	8hr
12 Volt Monoblocs:										
12 HGT 40	40	-	290	170	216	18.5	23	32	35	39
12 HGT 75	75	-	410	175	240	30.5	43	60	65	72
12 HGT100	100	-	525	172	228	39.0	57	80	86	97
12 HGT 125	125	-	535	225	242	50.0	71	100	108	121
12 HGT 150	150	-	525	280	275	59.0	86	120	129	145
12 HGT 175	175	-	525	280	275	64.5	100	140	151	169
12 HGT 200	200	-	525	280	275	70.0	114	160	172	194
2 Volt Cells:										
2 HGT 200	200	8	797	393	235	125	114	160	172	193
2 HGT300	300	8	797	393	309	174	171	239	258	290
2 HGT 400	400	4	797	393	215	116	229	319	344	386
2 HGT 500	500	4	797	382	252	140	286	399	430	483
2 HGT 600	600	4	797	382	289	160	343	479	516	580
2 HGT 700	700	4	776	640	223	194	400	559	602	676
2 HGT 800	800	4	776	630	246	221	457	638	690	773
2 HGT 900	900	4	776	630	278	246	514	718	776	870
2 HGT 1000	1000	4	776	630	321	290	571	798	861	966
2 HGT1250	1250	4	776	630	376	348	714	997	1076	1208

*Indicates Width / Depth up to terminal in 12 Volt Monobloc / 2 Volt cells

CONSTRUCTION

- Tubular positive plate-Microporous, high acid resistance tubular gauntlets along with slurry filling process improves the active material retention with in the positive plate for long life.
- Negative plate-Lead alloy grid with long life expanders as to support positive plate.
- Separators-Specially designed microporous separators for lower internal resistance and improved charge acceptance.
- Gelled electrolyte- Made of high surface silica and sulphuric acid, No Stratification and no failure due to Partial state of charge (PSOC) operation.
- Poly set- Made of polypropylene, Low permeability of PP ensures lower water loss. Flame retardant is optional.
- Module-Designed to meet the heat dissipation.
- Filled and charged- Ready to use, easier to install, 100% capacity on first discharge.
- Shock and vibration resistant design.