

POWER - PLUS

DC POWER SYSTEM



Tubular Lead Acid Battery

Type : GF Range

GF battery is battery that can be used both for stand-by operation and for repeated charging and discharging applications, in other words as a deep-cycle battery.

The Positive electrode is the tubular plate which has been proven by years of experience. The negative electrode is a pasted grid plate. The separator is made of microporous material. The life span of the battery is 15 years or above.

Application :-

- UPS System DC & AC, Emergency Lighting
- Security Alarm System
- Telecommunication equipment
- Photovoltaic / Solar, Navigation Aids

DIMENSION OF SERIES GF-P CELLS

Type of cell	Capacity Ah	Size (mm)			Recommended Charging current	Weight (Kg)		Terminals	Volume of electrolyte -L	
		L	W	H		with electrolyte	without electrolyte			
GF	50	50	138	125	225	5	6.5	4.5	2 x M10	1.5
GF	100	100	124	160	370	10	11	7.7	2 x M10	2.7
GF	150	150	195	160	405	15	18	12	2 x M10	5
GF	200	200	195	160	405	20	20	15	2 x M10	4.8
GF	250	250	165	210	545	25	29	18	2 x M10	9
GF	300	300	165	210	545	30	31	21	2 x M10	8
GF	350	350	235	210	537	35	32	24	2 x M10	7
GF	400	400	235	210	537	40	44	28	2 x M10	13
GF	450	450	235	210	537	45	45	31	2 x M10	12
GF	500	500	235	210	537	50	46	33	2 x M10	11
GF	600	600	280	200	754	60	81	52	4 x M10	24
GF	700	700	280	200	754	70	85	59	4 x M10	22
GF	800	800	280	200	754	80	90	66	4 x M10	20
GF	900	900	280	236	754	90	103	71	4 x M10	27
GF	1000	1000	280	236	754	100	107	77	4 x M10	25
GF	1200	1200	280	336	754	120	128	98	4 x M10	30
GF	1400	1400	280	336	754	140	139	105	4 x M10	28
GF	1600	1600	280	450	754	160	176	118	4 x M10	48
GF	1800	1800	280	450	754	180	188	133	4 x M10	46
GF	2000	2000	280	450	754	200	201	148	4 x M10	44
GF	2400	2400	278	691	754	240	271	175	4 x M10	80
GF	2600	2600	278	691	754	260	282	190	4 x M10	77
GF	2800	2800	278	691	754	280	294	205	4 x M10	74
GF	3000	3000	278	691	754	300	350	220	4 x M10	71

INTERLINK POWER SYSTEM PTE LTD

32 Ang Mo Kio Industrial Park 2, #04-13 Sing Industrial Complex, Singapore 569510

Tel : (65) 484 1406 Fax : (65) 483 3816

Capacity of Battery at 25 °C at 1.75VPC

Type of cell		Volt (V)	Ampere Hour Capacity to 1.75VPC at 25 °C								
			24HR	12HR	10HR	8HR	5HR	4HR	3HR	2HR	1HR
GF	50	2	60	53	50	48	42	39	36	32	26
GF	100	2	119	107	100	95	84	78	72	64	51
GF	150	2	179	160	150	143	126	117	109	96	77
GF	200	2	238	213	200	190	167	156	145	128	103
GF	250	2	298	267	250	238	209	195	181	159	128
GF	300	2	357	320	300	286	251	234	217	191	154
GF	350	2	417	373	350	333	293	273	254	223	180
GF	400	2	476	427	400	381	335	312	290	255	205
GF	450	2	536	480	450	429	377	351	326	287	231
GF	500	2	595	533	500	476	419	390	362	319	257
GF	600	2	714	640	600	571	502	468	435	383	308
GF	700	2	833	746	700	667	586	546	507	446	360
GF	800	2	952	853	800	762	670	625	580	510	411
GF	900	2	1071	960	900	857	754	703	652	574	462
GF	1000	2	1190	1066	1000	952	837	781	724	638	514
GF	1200	2	1429	1280	1200	1143	1005	937	869	765	616
GF	1400	2	1667	1493	1400	1333	1172	1093	1014	893	719
GF	1600	2	1905	1706	1600	1524	1340	1249	1159	1020	822
GF	1800	2	2143	1919	1800	1714	1507	1405	1304	1148	925
GF	2000	2	2381	2133	2000	1905	1675	1561	1449	1276	1027
GF	2400	2	2857	2559	2400	2286	2010	1874	1739	1531	1233
GF	2600	2	3095	2773	2600	2476	2177	2030	1883	1658	1336
GF	2800	2	3333	2986	2800	2666	2344	2186	2028	1786	1438
GF	3000	2	3571	3199	3000	2857	2512	2342	2173	1913	1541

Capacity of Battery at 25 °C at 1.80VPC

Type of cell		Volt (V)	Ampere Hour Capacity to 1.80VPC at 25 °C								
			24HR	12HR	10HR	8HR	5HR	4HR	3HR	2HR	1HR
GF	50	2	57	51	48	46	40	37	35	31	25
GF	100	2	113	101	95	90	80	74	69	61	49
GF	150	2	170	152	143	136	120	112	104	91	73
GF	200	2	226	203	190	181	159	148	138	121	98
GF	250	2	283	254	238	227	199	186	172	152	122
GF	300	2	340	305	286	272	239	223	207	182	147
GF	350	2	396	355	333	317	279	260	241	212	171
GF	400	2	454	406	381	363	319	297	276	243	196
GF	450	2	511	457	429	409	359	335	311	274	220
GF	500	2	567	508	476	453	399	372	345	304	245
GF	600	2	680	609	571	544	478	446	414	364	293
GF	700	2	794	711	667	635	558	521	483	425	343
GF	800	2	907	813	762	726	638	595	552	486	391
GF	900	2	1020	914	857	816	718	669	621	547	440
GF	1000	2	1133	1015	952	907	797	743	690	607	489
GF	1200	2	1361	1219	1143	1088	957	892	828	729	587
GF	1400	2	1587	1421	1333	1269	1116	1041	966	850	685
GF	1600	2	1814	1625	1524	1451	1276	1190	1104	972	783
GF	1800	2	2040	1828	1714	1632	1435	1338	1242	1093	880
GF	2000	2	2268	2031	1905	1814	1595	1487	1380	1215	979
GF	2400	2	2721	2438	2286	2177	1914	1785	1656	1458	1174
GF	2600	2	2948	2640	2476	2358	2073	1933	1794	1579	1272
GF	2800	2	3175	2844	2667	2540	2233	2082	1932	1701	1370
GF	3000	2	3401	3047	2857	2721	2392	2230	2070	1822	1468