

Gaston

BATTERY



Narada

Group





*Gaston,
power from heart*

Gaston, headquartered in Hongkong, with four factories located in mainland China and bunches of sales offices scattered all over the world, has established itself as the industry leader and top supplier of valve regulated sealed lead acid batteries by providing an ideal and reliable power solution to a broad range of industries, such as Telecom, Solar system, Cable TV, UPS, Railways, Broadband, Electric utility, Security system etc.

In today's world of economic globalization and trade liberalization, with the determination to be the best in the global industry, Gaston makes every effort to reach the highest attainable quality standard by developing the widest possible ranges of products with the most reliable quality in accordance with ISO 9001 International Quality System and ISO14001 Environmental Management System.

With its commitment and spirit to continuous innovation as well as pursuing the excellence, Gaston dedicates itself to working relentlessly towards customers' utmost satisfaction and highest expectation with its superior quality and undisputed service.



GT-F Range

F(Front Terminal) range is recognised worldwide as the premium battery for telecommunications/IT applications. GT-F range's reputation for 12 year long service life, combined with excellent high rate performance, makes it the number one choice for high integrity, high specification UPS systems.

GT-F front terminal monoblock's compact design and standard footprint, suitable for 19",21",23" and ETSI racking, give users the benefit of increased energy density. With all electrical connectors at the front, installation and inspection are simpler and quicker.



Applications

- Telecom
- Control Equipment
- UPS
- Communication Equipment
- Medical Equipment
- Emergency Power System

Specifications

Model	Nominal Voltage (V)	Nominal Capacity			Dimensions						Weight Approx(kg)	
		C10	C3	C1	L		W		H		(Kg)	(lb)
					(mm)	(in)	(mm)	(in)	(mm)	(in)		
GT12-50F	12	52	37.5	30	390	15.35	105	4.13	227	8.94	21.50	47.3
GT12-75F	12	78	56	45	558	21.97	105	4.13	227	8.94	31.00	68.2
GT12-85F	12	86	73	54.9	395	15.55	105	4.13	270	10.63	31.00	68.2
GT12-100F	12	100	81.6	58	558	21.97	125	4.92	227	8.94	39.00	85.8
GT12-105F	12	105	84	59	511	20.12	110	4.33	238	9.37	34.00	74.8
GT12-125F	12	125	105.9	83	558	21.97	125	4.92	270	10.63	49.00	107.8
GT12-150F	12	150	120.6	85	558	21.97	125	4.92	310	12.20	57.00	125.4
GT12-155F	12	155	124.8	88	558	21.97	124	4.88	283	11.14	54.00	118.8
GT12-170F	12	170	136.5	99	558	21.97	125	4.92	310	12.20	60.00	132.0

GT - FA Range

Rocked line designed with front terminal, GT-FA range extends service life to 10 years for normal standby and float service applications, offering high reliability and delivering superior performance while occupying less space and increasing energy density, and its total front access facilitates easy maintenance and installation.



Applications

- Telecom
- Control Equipment
- Railroad Signal
- Communication Equipment
- Medical Equipment
- Electric Utility/Switchgear

Specifications

Model	Nominal Voltage (V)	Nominal Capacity (10hr)(Ah)	Dimensions						H Over Terminal		Weight Approx(kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GT12-50FA	12	50	277	10.91	105	4.13	222	8.74	222	8.74	20.00	44.0
GT12-75FA	12	75	562	22.13	114	4.49	188	7.40	188	7.40	29.00	63.8
GT12-90FA	12	90	508	20.00	110	4.33	224	8.82	238	9.37	31.00	68.2
GT12-100FA	12	100	394	15.51	110	4.33	285	11.22	285	11.22	34.50	75.9
GT12-120FA	12	120	550	21.65	110	4.33	235	9.25	235	9.25	40.00	88.0
GT12-125FA	12	125	420	16.54	175	6.89	237	9.33	237	9.33	41.00	90.2
GT12-145FA	12	145	420	16.54	175	6.89	237	9.33	237	9.33	45.50	100.1
GT12-150FA	12	150	550	21.65	114	4.49	285	11.22	285	11.22	47.00	103.4

GTS Stationary Range

GASTON GTS range utilizes thick grids of modern technology so as to guarantee the design life up to 15 years. Advanced micro porous absorbent glass mat (AGM) separator, minimizing diffusion of oxygen into the separator, reduces float charge current which suppresses the corrosion rate of the positive grid, and extends the life of the battery.

Applications

- Cable Television
- Communication Equipment
- Security System
- UPS
- Control Equipment
- Medical Equipment
- Emergency Power System



Specifications

Model	Nominal Voltage (V)	Nominal Capacity			Dimensions								Weight Approx(kg)	
		C10	C3	C1	L		W		H		Total Height		(Kg)	(lb)
					(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)		
GTS-100	2	100	75	55	101	3.98	163	6.42	200	7.87	207	8.15	7.50	16.5
GTS-200	2	200	150	110	105	4.13	183	7.20	359	14.13	371	14.61	15.50	34.1
GTS-300	2	300	225	165	146	5.75	183	7.20	359	14.13	371	14.61	22.00	48.4
GTS-400	2	400	300	220	186	7.32	183	7.20	359	14.13	371	14.61	28.50	62.7
GTS-500	2	500	375	275	227	8.94	183	7.20	359	14.13	371	14.61	35.00	77.0
GTS-600	2	600	450	330	268	10.55	183	7.20	359	14.13	612	24.09	42.50	93.5
GTS-800	2	800	600	440	169	6.65	229	9.02	600	23.62	612	24.09	60.00	132.0
GTS-1000	2	1000	750	550	204	8.03	229	9.02	600	23.62	612	24.09	73.00	160.6
GTS-1500	2	1500	1125	825	291	11.46	229	9.02	600	23.62	612	24.09	107.00	235.4
GTS-2000	2	2000	1500	1300	382	15.04	233	9.17	602	23.70	614	24.17	144.00	316.8

GTS-L Range

Special PP plastic with steel casing outside and extra thick design for battery plate, GTS-L range maximizes an outstanding performance to 20 years service life and deep cycle capacity, offering an ideal solution for large capacity valve regulated lead-acid battery's requirements with a compact, quick and simple installation process.

Applications

- Telecommunications-Central Office
- Telecommunication-Outside Plant
- Telecommunication-Wireless
- Photovoltaic Solar System
- UPS & BESS
- Electric Utility
- Emergency Power System



Specifications

Model	Nominal Voltage (V)	Nominal Capacity			Dimensions								Weight Approx(kg)	
		C10	C3	C1	L		W		H		Total Height		(Kg)	(lb)
					(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)		
GTS12-100L	12	100	75	56	437	17.20	330	12.99	218	8.58	218	8.58	66.00	145.2
GTS12-200L	12	200	150	113	665	26.18	330	12.99	218	8.58	218	8.58	106.00	233.2
GTS12-300L	12	300	225	139	893	35.16	330	12.99	218	8.58	218	8.58	153.00	336.6
GTS6-400L	6	400	300	226	623	24.53	330	12.99	218	8.58	218	8.58	104.00	228.8
GTS12-500L	12	500	375	282	957	37.68	516	20.31	218	8.58	218	8.58	234.00	514.8
GTS12-600L	12	580	450	336	1071	42.17	516	20.31	218	8.58	218	8.58	275.00	605.0
GTS6-800L	6	830	600	448	801	31.54	516	20.31	218	8.58	218	8.58	200.00	440.0
GTS6-1000L	6	1000	750	564	915	36.02	516	20.31	218	8.58	218	8.58	230.00	506.0
GTS6-1100L	6	1100	825	616	972	38.27	516	20.31	218	8.58	218	8.58	250.00	550.0
GTS6-1500L	4	1500	1125	856	793	31.22	465	18.31	277	10.91	277	10.91	255.00	561.0
GTS6-1500L	6	1500	1125	856	1147	45.16	465	18.31	277	10.91	277	10.91	370.00	814.0



GT -HR Range

HR(Hight Rate) range has been developed with high efficiency active materials to stimulate inside the battery with higher power output when the battery is discharged to a extent level. With high-density structure the inner resistance can be reduced to a relatively lower level, which will significantly improve the performance for high rate discharging when high power output service is needed.

Applications

- Electric Car & Scooter
- Toys and Spot Light
- Photovoltaic Solar System
- Marine Application
- UPS
- Toy

Specifications

Model	Nominal Voltage (V)	Watts/cell @ 15min 1.67V/cell	Nominal Capacity (20hr)(Ah)	Dimensions						H Over	Terminal	Weight Approx(kg)	
				L		W		H				(mm)	(in)
				(mm)	(in)	(mm)	(in)	(mm)	(in)				
GT6-5HR	6	24	5	70	2.76	47	1.85	101	3.98	107	4.21	0.85	1.9
GT6-180HR	6	310	180	307	12.09	170	6.69	223	8.78	228	8.98	28.00	61.6
GT12-5HR	12	24	5	90	3.54	70	2.76	101	3.98	107	4.21	1.70	3.7
GT12-5BHR	12	24	5	151	5.94	53	2.09	94	3.70	100	3.94	1.70	3.7
GT12-5LHR	12	21	5	140	5.51	48	1.89	104	4.09	106	4.17	2.00	4.4
GT12-7HR	12	33	8	151	5.94	65	2.56	95	3.74	101	3.98	2.55	5.6
GT12-9HR	12	35	9	151	5.94	65	2.56	95	3.74	101	3.98	2.67	5.9
GT12-10HR	12	50	10	151	5.94	65	2.56	110	4.33	117	4.61	3.40	7.5
GT12-12HR	12	55	12	151	5.94	98	3.86	95	3.74	101	3.98	4.20	9.2
GT12-18HR	12	75	20.4	181	7.13	77	3.03	167	6.57	167	6.57	6.00	13.2
GT12-22HR	12	80	22	181	7.13	77	3.03	167	6.57	167	6.57	6.20	13.6
GT12-26HR	12	100	28	175	6.89	166	6.54	125	4.92	125	4.92	8.90	19.6
GT12-33HR	12	140	33	197	7.76	132	5.20	172	6.77	187	7.36	12.50	27.5
GT12-35HR	12	140	35	195	7.68	130	5.12	159	6.26	180	7.09	11.00	24.2
GT12-40HR	12	160	40	197	7.76	165	6.50	170	6.69	170	6.69	14.00	30.8
GT12-50HR	12	170	50	228	8.98	139	5.47	201	7.91	225	8.86	17.50	38.5
GT12-55HR	12	200	55	228	8.98	139	5.47	201	7.91	225	8.86	17.50	38.5
GT12-55HR-2	12	200	56	230	9.06	138	5.43	206	8.11	210	8.27	17.00	37.4
GT12-75HR	12	270	75	261	10.28	173	6.81	201	7.91	224	8.82	26.00	57.2
GT12-75HR-2	12	270	76	258	10.16	168	6.61	208	8.19	212	8.35	23.00	50.6
GT12-90HR	12	310	92	305	12.01	168	6.61	208	8.19	212	8.35	28.90	63.6
GT12-100HR	12	390	100	341	13.43	173	6.81	213	8.39	241	9.49	34.00	74.8
GT12-100HR-2	12	390	100	330	12.99	172	6.77	215	8.46	221	8.70	31.00	68.2
GT12-134HR	12	475	144	341	13.43	172	6.77	282	11.10	288	11.34	42.00	92.4
GT12-150HR	12	475	144	341	13.43	172	6.77	282	11.10	288	11.34	45.00	99.0

GT -M Range

M range (Long Service Life) utilizes thick grids of modern technology so as to guarantee the design life up to 15 years. Advanced micro porous absorbent glass mat(AGM) separator, minimizing diffusion of oxygen into the separator, reduces float charge current which suppresses the corrosion rate of the positive grid, and extends the life of the battery.

Applications

- Broadband
- Telecom /IT
- Cable TV
- Control System
- DC Power
- Medical Equipment



Specifications

Model	Nominal Voltage (V)	Nominal Capacity			Dimensions						Weight Approx(kg)	
		C10	C3	C1	L		W		H		(Kg)	(lb)
					(mm)	(in)	(mm)	(in)	(mm)	(in)		
GT12-100M	12	100	81.6	58	406	15.98	173	6.81	218	8.58	36.00	79.2
GT12-134M	12	134	109	77.7	341	13.43	172	6.77	288	11.34	42.00	92.4
GT12-200M	12	200	163.2	115	498	19.61	259	10.20	238	9.37	74.50	163.9



GT -C Range

Gaston GT-C range (deep cycle) is designed specially to have a large amount of stored current discharged between charging sessions, with heavy non-porous battery plate that is made of a different chemical for the plates active paste material and an electrolyte stronger slightly than normal battery electrolyte. It enhances a superior performance of high power output and excellent deep cycle life for energy applications.

Applications

- Electric Powered Vehicle
- Golf Cars and Buggy
- Wheel Chair
- Power Tool
- Electric Powered Toy
- Control System
- Vacuum Cleaner
- Medical Equipment
- UPS

Specifications

Model	Nominal Voltage (V)	Nominal Capacity (20hr)(Ah)	Dimensions						H Over	Terminal	Weight Approx(kg)	
			L		W		H				(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)		
GT6-4.5C	6	4.5	70	2.76	47	1.85	101	3.98	107	4.21	0.83	1.8
GT6-7C	6	8	151	5.94	34	1.34	94	3.70	100	3.94	1.36	3.0
GT6-12C	6	13.2	151	5.94	50	1.97	94	3.70	100	3.94	1.89	4.2
GT12-4.5C	12	4.5	90	3.54	70	2.76	101	3.98	107	4.21	1.70	3.7
GT12-7C	12	8	151	5.94	65	2.56	95	3.74	101	3.98	2.55	5.6
GT12-12C	12	13.2	151	5.94	98	3.86	95	3.74	101	3.98	4.00	8.8
GT12-14C	12	14	151	5.94	98	3.86	95	3.74	101	3.98	4.20	9.2
GT12-18C	12	20	181	7.13	77	3.03	167	6.57	167	6.57	6.00	13.2
GT12-26C	12	28	175	6.89	166	6.54	125	4.92	125	4.92	8.90	19.6
GT12-28C	12	28	165	6.50	126	4.96	175	6.89	182	7.17	8.50	18.7
GT12-30C	12	30	167	6.57	126	4.96	173	6.81	176	6.93	10.20	22.4
GT12-35C	12	35	195	7.68	130	5.12	159	6.26	180	7.09	10.50	23.1
GT12-40C	12	40	197	7.76	165	6.50	170	6.69	170	6.69	13.70	30.1
GT12-55C	12	56	229	9.02	138	5.43	206	8.11	226	8.90	17.00	37.4
GT12-65C	12	66	355	13.98	167	6.57	179	7.05	183	7.20	22.70	49.9
GT12-75C	12	76	258	10.16	168	6.61	208	8.19	226	8.90	23.00	50.6
GT12-90C	12	92	305	12.01	168	6.61	208	8.19	226	8.90	30.00	66.0
GT12-100C	12	102	330	12.99	172	6.77	215	8.46	221	8.70	31.00	68.2
GT12-100C-2	12	105	341	13.43	173	6.81	213	8.39	241	9.49	34.00	74.8
GT12-120C	12	122	405	15.94	175	6.89	208	8.19	235	9.25	38.00	83.6
GT12-134C	12	136	341	13.43	172	6.77	284	11.18	288	11.34	42.50	93.5
GT12-150C	12	154	485	19.09	172	6.77	240	9.45	240	9.45	45.00	99.0
GT12-200C	12	202	522	20.55	243	9.57	218	8.58	236	9.29	61.00	134.2
GT12-200C-2	12	205	498	19.61	259	10.20	218	8.58	238	9.37	72.00	158.4



GT General Range

GASTON GT range is the most common standard and the first generation delicate product which is designed with AGM(Absorbent Glass Mat) technology, high performance plates and electrolyte. The definition of GT is coming from General purpose. Therefore, this range product has possessed various applications for common power backup system.

Applications

- Alarm System
- Cable Television
- Communication Equipment
- Control Equipment
- Security System
- Emergency Lighting System
- Medical Equipment
- UPS
- Power Tool
- Emergency Power System
- Toys & Powertool
- Stand-by Electric Power Control Equipment



GT Range 2V,6V,8V,10V Monobloc Specifications

Model	Nominal Voltage (V)	Nominal Capacity (20hr)(Ah)	Dimensions						H Over Terminal		Weight Approx(kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GT2-4.5	2	4.5	48	1.89	25	0.98	101	3.98	107	4.21	0.29	0.6
GT2-6	2	6	50	1.97	34	1.34	100	3.94	106	4.17	0.40	0.9
GT2-10	2	10	52.5	2.07	50	1.97	93	3.66	98	3.86	0.70	1.5
GT4-1	4	1.0	42	1.65	34.5	1.36	50	1.97	50	1.97	0.18	0.4
GT4-3.5	4	3.5	90	3.54	34	1.34	60	2.36	66	2.60	0.43	0.9
GT4-4.5	4	4.5	47.5	1.87	47.5	1.87	102	4.02	107	4.21	0.60	1.3
GT4-4.5A	4	4.5	52.5	2.07	48.5	1.91	93.5	3.68	99.5	3.92	0.60	1.3
GT4-5P	4	5	91	3.58	50	1.97	73	2.87	73	2.87	0.79	1.7
GT4-8P	4	8	91	3.58	50	1.97	102	4.02	102	4.02	1.13	2.5
GT4-9	4	9	102	4.02	44	1.73	95	3.74	101	3.98	1.10	2.4
GT4-10	4	10	102	4.02	50	1.97	94.5	3.72	100.5	3.96	1.33	2.9
GT6-1	6	1.0	51	2.01	42	1.65	51.5	2.03	57.5	2.26	0.27	0.6
GT6-1.3	6	1.3	97	3.82	24	0.94	52	2.05	58	2.28	0.30	0.7
GT6-1.7	6	1.7	70	2.76	47	1.85	101	3.98	107	4.21	0.33	0.7
GT6-2	6	2	75	2.95	51.1	2.01	53.2	2.09	59.2	2.33	0.35	0.8
GT6-2.3	6	2.3	42	1.65	37	1.46	76.5	3.01	76.5	3.01	0.37	0.8
GT6-2.5P	6	2.5	105	4.13	41	1.61	69	2.72	69	2.72	0.68	1.5
GT6-2.8	6	2.8	66	2.60	34	1.34	99	3.90	106	4.17	0.61	1.3
GT6-3.2	6	3.2	125	4.92	33	1.30	60	2.36	66	2.60	0.63	1.4
GT6-3.2H	6	3.2	67	2.64	34	1.34	115	4.53	121	4.76	0.66	1.5
GT6-3.4	6	3.4	134	5.28	35	1.38	61	2.40	67	2.64	0.67	1.5
GT6-4	6	4.0	70	2.76	47	1.85	101	3.98	107	4.21	0.71	1.6
GT6-4P	6	4.0	70	2.76	48	1.89	103	4.06	114.5	4.51	0.80	1.8
GT6-4.2	6	4.2	70	2.76	47	1.85	101	3.98	107	4.21	0.80	1.8
GT6-4.2S	6	4.2	70	2.76	47	1.85	104	4.09	105.5	4.15	0.80	1.8
GT6-4.2L	6	4.2	70	2.76	47	1.85	97	3.82	103	4.06	0.80	1.8
GT6-4.5	6	4.5	70	2.76	47	1.85	101	3.98	107	4.21	0.83	1.8
GT6-5L	6	5	67	2.64	67	2.64	96.5	3.80	113	4.45	1.00	2.2
GT6-5P	6	5	135	5.31	50	1.97	76	2.99	76	2.99	1.10	2.4
GT6-5.6	6	5	70	2.76	47	1.85	101	3.98	107	4.21	0.93	2.0
GT6-6	6	6	84.5	3.33	48	1.89	112	4.41	118	4.65	1.18	2.6
GT6-6A	6	6	94	3.70	47	1.85	102	4.02	108	4.25	1.05	2.3
GT6-7	6	7	151	5.94	34	1.34	94	3.70	100	3.94	1.20	2.6
GT6-7.5	6	7.5	151	5.94	34	1.34	94	3.70	100	3.94	1.23	2.7
GT6-7A	6	7	99	3.90	56.5	2.22	103	4.06	108	4.25	1.28	2.8
GT6-8P	6	8	135	5.31	50	1.97	101	3.98	101	3.98	1.69	3.7
GT6-8.5	6	8.5	98	3.86	55	2.17	118	4.65	118	4.65	1.90	4.2
GT6-10	6	10	151	5.94	50	1.97	94	3.70	100	3.94	1.85	4.1
GT6-12	6	12	151	5.94	50	1.97	94	3.70	100	3.94	2.05	4.5
GT6-12T	6	12	108	4.25	71	2.80	140	5.51	140	5.51	2.34	5.1
GT6-20	6	20	157	6.18	83	3.27	125	4.92	125	4.92	3.98	8.8
GT6-36	6	36	161	6.34	88	3.46	164	6.46	170	6.69	6.20	13.6
GT6-42	6	42	161	6.34	88	3.46	164	6.46	170	6.69	6.60	14.5
GT6-80	6	80	194.4	7.65	169.8	6.69	206.4	8.13	210	8.27	13.50	29.7
GT6-105	6	105	195	7.68	170	6.69	205	8.07	210	8.27	16.00	35.2
GT6-155	6	155	260	10.24	180	7.09	245	9.65	250	9.84	24.00	52.8
GT6-180	6	180	320	12.60	175	6.89	225	8.86	230	9.06	28.00	61.6
GT6-200	6	200	320	12.60	175	6.89	225	8.86	230	9.06	31.00	68.2
GT8-3.2	8	3	134	5.28	37	1.46	64	2.52	70	2.76	0.87	1.9
GT8-3.3	8	3.3	68	2.68	49	1.93	90.5	3.56	90.5	3.56	0.78	1.7
GT10-2	10	2	115	4.53	26	1.02	65.2	2.57	65.2	2.57	0.90	2.0

GT Range 12V Monobloc Specifications

Model	Nominal Voltage (V)	Nominal Capacity (20hr)(Ah)	Dimensions						H Over Terminal		Weight Approx(kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GT12-0.8	12	0.8	96	3.78	25	0.98	62	2.44	62	2.44	0.36	0.8
GT12-0.8A	12	0.8	97	3.82	43	1.69	52	2.05	58	2.28	0.40	0.9
GT12-1.3	12	1.3	97	3.82	43	1.69	52	2.05	58	2.28	0.61	1.3
GT12-2	12	2.0	70	2.76	47	1.85	101	3.98	105	4.13	1.00	2.2
GT12-2S	12	2.0	150.5	5.93	20	0.79	89.2	3.51	89.2	3.51	0.74	1.6
GT12-2CR	12	2.0	143.5	5.65	23.5	0.93	64.5	2.54	64.5	2.54	0.60	1.3
GT12-2.2	12	2.2	178	7.01	35	1.38	61	2.40	67	2.64	0.99	2.2
GT12-2.2W	12	2.2	178	7.01	35	1.38	60	2.36	62	2.44	1.00	2.2
GT12-2.3CR	12	2.3	182	7.17	23.5	0.93	61	2.40	61	2.40	0.77	1.7
GT12-2.3LCR	12	2.3	201	7.91	25	0.98	62	2.44	62	2.44	0.77	1.7
GT12-2.8	12	2.8	67	2.64	66	2.60	97	3.82	104	4.09	1.20	2.6
GT12-2.8L	12	2.8	132	5.20	33.5	1.32	98	3.86	104	4.09	1.15	2.5
GT12-2.9	12	2.9	178	7.01	35	1.38	61	2.40	67	2.64	1.05	2.3
GT12-2.9P	12	2.9	79	3.11	56	2.20	99	3.90	105	4.13	1.12	2.5
GT12-3	12	3.0	103	4.06	47	1.85	71	2.80	71	2.80	0.80	1.8
GT12-3.4	12	3.4	134	5.28	67	2.64	61	2.40	67	2.64	1.40	3.1
GT12-4	12	4	90	3.54	70	2.76	101	3.98	107	4.21	1.48	3.3
GT12-4L	12	4	195	7.68	47	1.85	70	2.76	76	2.99	1.52	3.3
GT12-4.2	12	4.2	90	3.54	70	2.76	101	3.98	107	4.21	1.56	3.4
GT12-4.5	12	4.5	90	3.54	70	2.76	101	3.98	107	4.21	1.70	3.7
GT12-5A	12	5	151	5.94	52	2.05	93	3.66	99	3.90	1.98	4.4
GT12-5L	12	5	140	5.51	48	1.89	104	4.09	107	4.21	2.00	4.4
GT12-5.5	12	2.5	140	5.51	39	1.54	124	4.88	130	5.12	2.10	4.6
GT12-7	12	7	151	5.94	65	2.56	95	3.74	101	3.98	2.30	5.1
GT12-7.2	12	7.2	151	5.94	65	2.56	95	3.74	101	3.98	2.45	5.4
GT12-7.5	12	7.5	151	5.94	65	2.56	95	3.74	101	3.98	2.60	5.7
GT12-9	12	9.0	151	5.94	65	2.56	111	4.37	117	4.61	2.90	6.4
GT12-10	12	10	151	5.94	98	3.86	95	3.74	101	3.98	3.75	8.3
GT12-12	12	12	151	5.94	98	3.86	95	3.74	101	3.98	3.90	8.6
GT12-15	12	15	181	7.13	77	3.03	167	6.57	167	6.57	5.20	11.4
GT12-18	12	18	181	7.13	77	3.03	167	6.57	167	6.57	5.70	12.5
GT12-26	12	26	166	6.54	175	6.89	125	4.92	125	4.92	8.90	19.6
GT12-28	12	28	165	6.50	126	4.96	175	6.89	182	7.17	9.10	20.0
GT12-33	12	33	194	7.64	130	5.12	171	6.73	171	6.73	11.20	24.6
GT12-35	12	35	194	7.64	130	5.12	159	6.26	180	7.09	11.50	25.3
GT12-38	12	38	197	7.76	165	6.50	171	6.73	171	6.73	12.70	27.9
GT12-40	12	40	197	7.76	165	6.50	171	6.73	171	6.73	13.70	30.1
GT12-55	12	55	230	9.06	138	5.43	206	8.11	226	8.90	17.00	37.4
GT12-60	12	60	260	10.24	170	6.69	223	8.78	228	8.98	20.50	45.1
GT12-65	12	65	350	13.78	167	6.57	178	7.01	178	7.01	22.00	48.4
GT12-75	12	75	258	10.16	168	6.61	208	8.19	212	8.35	23.00	50.6
GT12-85	12	85	305	12.01	168	6.61	208	8.19	212	8.35	24.50	53.9
GT12-90	12	90	305	12.01	168	6.61	208	8.19	226	8.90	26.00	57.2
GT12-100	12	100	330	12.99	173	6.81	215	8.46	221	8.70	30.60	67.3
GT12-100D	12	100	330	12.99	173	6.81	214	8.43	245	9.65	30.60	67.3
GT12-120	12	120	405	15.94	175	6.89	208	8.19	235	9.25	38.00	83.6
GT12-150	12	150	485	19.09	172	6.77	240	9.45	240	9.45	43.80	96.4
GT12-200	12	200	522	20.55	243	9.57	220	8.66	245	9.65	61.00	134.2
GT12-230	12	230	521	20.51	269	10.59	203	7.99	232	9.13	67.00	147.4



GT-AG Range

AG(AGM and Gel) range uses the advanced GEL design, which combines the best features of both AGM and GEL construction into one battery line, and the purity fumed silica to form sulfuric acid thixotropic Gel, and fills the batteries with vacuum to ensure complete penetration of electrolyte through separators and plates pastes.

This range battery is designed to meet the requirement of frequent cyclic and high temperature application such as boardband, PVs etc.

Applications

- Broadband
- Electric Powered Vehicle
- UPS
- Photovoltaic & Solar System
- Electric Powered Toy
- Control System
- Vacuum Cleaner
- Medical Equipment



Model	Nominal Voltage (V)	Nominal Capacity (20hr)(Ah)	Dimensions						H Over Terminal		Weight Approx(kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GT6-150AG	6	156	260	10.24	180	7.09	245	9.65	250	9.84	24.00	52.8
GT6-200AG	6	200	260	10.24	180	7.09	245	9.65	250	9.84	31.00	68.2
GT6-225AG	6	225	260	10.24	180	7.09	245	9.65	250	9.84	33.60	73.9
GT12-26AG	12	28	175	6.89	166	6.54	125	4.92	125	4.92	8.90	19.6
GT12-35AG	12	35	195	7.68	130	5.12	159	6.26	180	7.09	11.00	24.2
GT12-55AG	12	55	230	9.06	138	5.43	209	8.23	228	8.98	17.00	37.4
GT12-75AG	12	75	258	10.16	168	6.61	208	8.19	212	8.35	23.00	50.6
GT12-90AG	12	90	305	12.01	168	6.61	208	8.19	212	8.35	29.00	63.8
GT12-100AG	12	100	330	12.99	172	6.77	215	8.46	221	8.70	31.00	68.2
GT12-120AG	12	120	405	15.94	175	6.89	208	8.19	235	9.25	38.00	83.6
GT12-144AG	12	144	341	13.43	172	6.77	284	11.18	288	11.34	45.00	99.0
GT12-200AG	12	200	522	20.55	243	9.57	218	8.58	236	9.29	62.00	136.4
GT12-230AG	12	200	520	20.47	268	10.55	203	7.99	232	9.13	72.00	158.4
GT12-100FAG	12	100	394	15.51	110	4.33	285	11.22	285	11.22	34.50	75.9
GT12-125FAG	12	125	420	16.54	175	6.89	237	9.33	237	9.33	41.00	90.2
GT12-145FAG	12	145	420	16.54	175	6.89	237	9.33	237	9.33	45.50	100.1

GT-G Range

GT-G range applies the advanced GEL design and the purity fumed silica to form sulfuric acid thixotropic Gel, and fills the batteries with vacuum to ensure complete penetration of electrolyte through separators and plates pastes.

This range battery has excellent cycling capability and superior float life to meet the requirement of frequent cyclic and high temperature application such as Cable TV ,Telecommunication, boardband, PVs etc.

Applications

- Broadband
- Electric Powered Vehicle
- UPS
- Photovoltaic & Solar System
- Telecommunication
- Cable TV



Specifications

Model	Nominal Voltage (V)	Nominal Capacity (20hr)(Ah)	Dimensions						H Over Terminal		Weight Approx(kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GT12-33G	12	33	197	7.76	132	5.20	172	6.77	187	7.36	12.50	27.5
GT12-55G	12	55	228	8.98	139	5.47	201	7.91	225	8.86	17.50	38.5
GT12-75G	12	75	261	10.28	173	6.81	201	7.91	224	8.82	26.00	57.2
GT12-90G	12	90	305	12.01	168	6.61	208	8.19	212	8.35	28.90	63.6
G12-100G	12	100	341	13.43	173	6.81	213	8.39	241	9.49	34.00	74.8
GT12-100G-2	12	100	406	15.98	167	6.57	216	8.50	218	8.58	36.00	79.2
GT12-134G	12	134	341	13.43	172	6.77	282	11.10	288	11.34	42.00	92.4
GT12-200G	12	200	498	19.61	259	10.20	218	8.58	238	9.37	72.00	158.4

GTS -G Range



In accordance with DIN 40742 (valve-regulated OpzV single cells) and utilizing Tubular & Gel electrolyte technologies, GTS-G range offers a long float life and high cycle life. The cells can be mounted horizontally or vertically, depending on requirements.

Features

- Capacity from 200Ah to 3000Ah
- 15 years design life
- No water addition required
- 900 cycles to 80% DOD

Applications

- Telecommunication-central Office
- UPS
- photovoltaic & Alternative Energy System
- Emergency Power System

Specifications

Model	Nominal Voltage (V)	Nominal Capacity (10hr)(Ah)	Dimensions						H Over Terminal		Weight Approx(kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GTS-200G	2	200	103	4.06	206	8.11	354	13.94	380	14.96	20.00	44.0
GTS-250G	2	250	124	4.88	206	8.11	354	13.94	380	14.96	24.00	52.8
GTS-300G	2	300	145	5.71	206	8.11	354	13.94	380	14.96	29.00	63.8
GTS-350G	2	350	124	4.88	206	8.11	470	18.50	496	19.53	31.00	68.2
GTS-420G	2	420	145	5.71	206	8.11	470	18.50	496	19.53	36.00	79.2
GTS-500G	2	500	166	6.54	206	8.11	470	18.50	496	19.53	42.00	92.4
GTS-600G	2	600	145	5.71	206	8.11	645	25.39	671	26.42	50.00	110.0
GTS-630G	2	600	225	8.86	206	8.11	470	18.50	496	19.53	53.50	117.7
GTS-700G	2	700	225	8.86	206	8.11	470	18.50	496	19.53	59.50	130.9
GTS-770G	2	770	225	8.86	206	8.11	470	18.50	496	19.53	65.50	144.1
GTS-800G	2	800	210	8.27	191	7.52	645	25.39	671	26.42	68.00	149.6
GTS-1000G	2	1000	210	8.27	233	9.17	645	25.39	671	26.42	82.00	180.4
GTS-1200G	2	1200	210	8.27	275	10.83	645	25.39	671	26.42	97.00	213.4
GTS-1500G	2	1500	210	8.27	275	10.83	795	31.30	821	32.32	120.00	264.0
GTS-2000G	2	2000	212	8.35	399	15.71	772	30.39	797	31.38	160.00	352.0
GT12-2500G	2	2500	212	8.35	487	19.17	772	30.39	797	31.38	200.00	440.0
GT12-3000G	2	3000	212	8.35	576	22.68	772	30.39	797	31.38	240.00	528.0

GT-FG Range

With ABS thick plastic case and front terminal rock-line design, the service life of GT-F range can be 10 -12 years for normal standby and float service applications.

Applications

- Telecommunication
- UPS
- Electric Utility



Specifications

Model	Nominal Voltage (V)	Nominal Capacity			Dimensions						Weight Approx(kg)	
		C10	C3	C1	L		W		H		(Kg)	(lb)
					(mm)	(in)	(mm)	(in)	(mm)	(in)		
GT12-50FG	12	50	35	30	390	15.35	105	4.13	227	8.94	21.50	47.3
GT12-75FG	12	75	55	45	558	21.97	105	4.13	227	8.94	31.00	68.2
GT12-85FG	12	85	73	54	395	15.55	105	4.13	270	10.63	31.00	68.2
GT12-100FG	12	100	80	56	558	21.97	125	4.92	227	8.94	39.00	85.8
GT12-105FG	12	105	82	58	511	20.12	110	4.33	238	9.37	34.00	74.8
GT12-125FG	12	125	105	83	558	21.97	125	4.92	270	10.63	49.00	107.8
GT12-150FG	12	150	120	85	558	21.97	125	4.92	310	12.20	57.00	125.4
GT12-155FG	12	155	124	88	558	21.97	124	4.88	283	11.14	54.00	118.8



GTF - Range

In accordance with DIN (OpzS) standard, GTF range is flooded battery with tubular plate technology, and its service life is more than 20 years.

Applications

- Power Plant & Hydropower Station
- Photovoltaic & Solar System
- Telecommunication



Model	Nominal Voltage (V)	Nominal Capacity (10hr)(Ah)	Dimensions						H Over Terminal		Weight Approx without acid (kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GTF-200	2	200	103	4.06	206	8.11	354	13.94	409	16.10	13.20	29.0
GTF-250	2	250	124	4.88	206	8.11	354	13.94	409	16.10	16.20	35.6
GTF-300	2	300	145	5.71	206	8.11	354	13.94	409	16.10	19.20	42.2
GTF-350	2	350	124	4.88	206	8.11	470	18.50	525	20.67	19.40	42.7
GTF-420	2	420	145	5.71	206	8.11	470	18.50	525	20.67	23.40	51.5
GTF-500	2	500	166	6.54	206	8.11	470	18.50	525	20.67	27.40	60.3
GTF-600	2	600	145	5.71	206	8.11	645	25.39	700	27.56	33.90	74.6
GTF-800	2	800	191	7.52	210	8.27	645	25.39	700	27.56	45.30	99.7
GTF-1000	2	1000	233	9.17	210	8.27	645	25.39	700	27.56	55.50	122.1
GTF-1200	2	1200	275	10.83	210	8.27	645	25.39	700	27.56	65.80	144.8
GTF-1500	2	1500	275	10.83	210	8.27	795	31.30	850	33.46	87.00	191.4
GTF-1750	2	1750	399	15.71	214	8.43	771	30.35	826	32.52	105.00	231.0
GTF-1875	2	1875	399	15.71	214	8.43	771	30.35	826	32.52	113.00	248.6
GTF-2000	2	2000	399	15.71	214	8.43	771	30.35	826	32.52	123.00	270.6
GTF-2250	2	2250	487	19.17	212	8.35	771	30.35	826	32.52	142.00	312.4
GTF-2500	2	2500	487	19.17	212	8.35	771	30.35	826	32.52	152.00	334.4
GTF-3000	2	3000	576	22.68	212	8.35	771	30.35	826	32.52	179.00	393.8

GT - EV Range

Deep cycle designed for golf car and electric vehicles.

Model	Nominal Voltage (V)	Nominal Capacity (5hr)(Ah)	Dimensions						H Over Terminal		Weight Approx without acid (kg)	
			L		W		H		(mm)	(in)	(Kg)	(lb)
			(mm)	(in)	(mm)	(in)	(mm)	(in)				
GT6-180EV	6	180	260	10.24	180	7.09	243	9.57	290	11.42	23.00	50.6
GT8-180EV	8	180	260	10.24	180	7.09	243	9.57	340	13.39	34.00	74.8
GT18-7EV	18	7	151	5.94	102	4.02	100	3.94	100	3.94	3.90	8.6
GT36-12EV	36	10	190	7.48	151	5.94	115	4.53	115	4.53	12.00	26.4

Battery Charger

Features

- 3- step charge control
- Switch model
- Charge current not affected by fluctuations in main voltage
- Wide input voltage range
- Having system LED function
- Short circuit / over load / over current protection



Model	C1202	C1204	C1206	C2405	C3602	C4825	C1208	C2406	C1210A	C1215B	
Input voltage range	110/220(-10%→+25%)choice						110/220(-10%→+25%)choice				
Input frequency range	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	47-63Hz	
Charging way	3-step charge control switch mode						3-step charge control switch mode				
output voltage of constant current	13.7±0.3Vdc	13.7±0.3Vdc	13.7±0.3Vdc	27.5±0.3Vdc	27.5±0.3Vdc	54.8±0.3Vdc	13.7±0.3Vdc	27.5±0.3Vdc	13.7±0.3Vdc	13.7±0.3Vdc	
output voltage of constant voltage	14.5±0.3Vdc	14.5±0.3Vdc	14.5±0.3Vdc	28.5±0.3Vdc	28.5±0.3Vdc	57±0.3Vdc	14.5±0.3Vdc	28.5±0.3Vdc	14.5±0.3Vdc	14.5±0.3Vdc	
output voltage of trickle charge	13.7±0.3Vdc	13.7±0.3Vdc	13.7±0.3Vdc	27.5±0.3Vdc	27.5±0.3Vdc	54.8±0.3Vdc	13.7±0.3Vdc	27.5±0.3Vdc	13.7±0.3Vdc	13.7±0.3Vdc	
Max. current	2A±0.3A	4A±0.3A	6A±0.3A	5A±0.3A	1.6A±0.3A	2.5A±0.3A	8A±0.3A	6A±0.3A	10A±0.3A	3-15A±0.3Achoice	
Efficiency(typ.)	≥78%	≥78%	≥78%	≥78%	≥78%	≥78%	≥78%	≥78%	≥80%	≥80%	
Protection	Short-circuit/over-load/over-current protection						Short-circuit/over-load/over-current/over temperature/reverse polarity			Short-circuit/over-load/over-current protection	
Working temperature	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	-10°C - 40°C	
Case size	175X95X55	175X95X55	175X95X55	175X95X60	175X95X60	175X95X68	225X145X55	225X145X55	195X190X115	195X190X115	
Weight(no power wire)	480g	480g	480g	640g	640g	730g	1200g	1200g	2000g	2000g	



Narada

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