

Toasan Gel batteries offer reliable cold cranking (starting power) and maximum power supply with a superior cycling performance. The robust construction ensures the battery will continue to work through the most extreme conditions with a high resistance to vibration. They are exceptionally clean and safe to handle. The battery acid is fixed using gel, making the Gel battery completely leak proof, permitting the battery to be inclined to an angle of 180 C. Gel batteries incorporate gas recombination technology, ensuring neither gas nor acid vapours are able to escape, making Gel completely maintenance free. A slow self-discharge rate, plus its capability of recovery after deep discharge, makes a Gel battery ideally suited for seasonal or infrequent use. Our Hybrid Gel batteries are basically valve regulated lead acid (VRLA) batteries with a crossbreed of and technologies blended together. Aimed directly at the marine, recreational vehicle and solar market, this technology provides better service life, especially compared to standard AGM batteries.

Key Features

- 10 year design life @ 25°C
- High energy, high intensity, high quality output electrical energy product series.
- Gel-batteries are designed to be operated within a wide temperature range -40° C and +55° C.
- Same volume same quality level can advance high energy output density for an increase of 20%.
- It is best suited for high rate intensive applications and high efficient UPS.
- High rate discharge construction.
- Deep discharge recoverability.
- Patented long life alloy having the lowest calcium levels in the industry - minimizing grid growth, reducing gassing, and extending battery life.
- Patented UL recognized flame-arresting vents in each cell for safety and long life.
- Can be operated in any orientation. Upright, side or end mounting recommended.
- When it is used in safe surroundings, the battery is maintenance free, and you never need to add water. It can be recycled repeatedly.
- Not restricted for air transport - Complies with IATA/ICAO special provisions A67.
- Not restricted for surface transport - Classified as non-hazardous material as related to DOT-CFR title 49 parts 171-189.
- Not restricted for water transport - Classified as non-hazardous material per IMDG amendment 27.



NO.	Type	Nom	Rated	Length	Width	Height	Total	Approx.	Terminal
		voltage	Capacity				height	weight	Type
		(V)	(Ah)				mm	mm	Kg
1	NPG210-6	6	210	260	180	247	252	29.6	T5
2	NPG225-6	6	225	243	187	275	275	30.5	T5
3	NPG250-6	6	250	260	187	265	272	34.7	T5
4	NPG310-6	6	310	295	178	354	360	46.2	T5
5	NPG330-6	6	330	295	178	354	360	46.8	T5
6	NPG380-6	6	380	295	278	404	410	55.5	T5
7	NPG420-6	6	420	295	178	404	410	57	T5
8	NPG35-12	12	35	195	130	155	167	10.6	T3
9	NPG40-12	12	40	196	166	174	174	14.3	T3
10	NPG55-12	12	55	229	138	208	213	16.1	T3
11	NPG70-12	12	70	350	167	178	178	23.5	T3
12	NPG75-12	12	75	260	169	211	215	25.1	T3
13	NPG85-12	12	85	260	169	211	215	26.2	T3
14	NPG90-12	12	90	307	169	208	231	28.2	T5
15	NPG100-12	12	100	331	174	214	233	30.2	T5
16	NPG120-12	12	120	407	174	210	233	39.5	T5
17	NPG135-12	12	135	341	183	283	289	40.8	T5
18	NPG150-12	12	150	484	171	241	245	45.5	T5
19	NPG200-12	12	200	522	240	219	240	59.5	T5
20	NPG250-12	12	250	520	268	220	241	70	L14/T5
21	NPG200-2	2	200	171	111	330	367	14.2	T5
22	NPG300-2	2	300	171	151	330	367	20.3	T5
23	NPG400-2	2	400	210	176	330	367	27.3	T5
24	NPG500-2	2	500	241	172	330	367	33.3	T5
25	NPG600-2	2	600	302	175	330	367	40.5	T5
26	NPG800-2	2	800	410	175	330	367	55.2	T5
27	NPG1000-2	2	1000	475	175	330	367	65.5	T5
28	NPG1500-2	2	1500	400	350	345	378	101	T5
29	NPG2000-2	2	2000	491	350	345	369	131	T5
30	NPG3000-2	2	3000	710	350	345	369	190	T5

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