

NPHG Series-Gel Batteries for High Rate Discharge Service

NPHG Series is gel batteries. It performs well in both high rate discharge and float service applications. This series is specially designed for UPS standby power supply. It is also available for other float service applications, such as emergency power supply, communication power supply etc. The power of this series is ranged from 35W to 900W.



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.

Applications

- Data Centers
- Network Operations Centers
- Industrial Process Control Facilities
- Internet Housing Sites
- Semiconductor Manufacturing
- Banks & Financial Markets
- Power Generation Plants
- Hospitals & Testing Laboratories



NPHG Series-General Specification

Model No	Rated Power (W/Cell)	Capacity (Ah/10hr)	Dimension								Weight		Terminal Type
			Length		Width		Height		Total Height		kg	pound	
			mm	inch	mm	inch	mm	inch	mm	inch			
NPHG35-12	35/15Min	8	151	5.94	65	2.56	94	3.70	100	3.94	2.6	5.7	F2
NPHG55-12	55/15Min	12	152	5.98	99	3.90	96	3.78	102	4.02	4.0	8.8	F2
NPHG85-12	85/15Min	20	181	7.13	77	3.03	167	6.57	167	6.57	6.7	14.7	T1
NPHG115-12	115/15Min	28	165	6.50	126	4.96	174	6.85	174	6.85	8.9	19.6	T2
NPHG145-12	145/15Min	34	196	7.72	130	5.12	155	6.10	167	6.57	11.1	24.4	T3
NPHG170-12	170/15Min	42	197	7.76	166	6.54	174	6.85	174	6.85	14.0	30.8	T2
NPHG230-12	230/15Min	60	229	9.02	138	5.43	208	8.19	212	8.35	19.4	42.7	T3
NPHG290-12	290/15Min	75	350	13.78	167	6.57	178	7.01	178	7.01	23.2	51.0	T3
NPHG300-12	300/15Min	80	260	10.24	169	6.65	211	8.31	215	8.46	25.2	55.4	T3
NPHG370-12	370/15Min	95	307	12.09	169	6.65	211	8.31	215	8.46	31.2	68.6	T3
NPHG420-12	420/15Min	110	331	13.03	174	6.85	214	8.43	219	8.62	33.5	73.7	T4
NPHG470-12	470/15Min	125	407	16.02	174	6.85	210	8.27	233	9.17	39.3	86.5	T5
NPHG520-12	520//15Min	150	484	19.06	171	6.73	241	9.49	241	9.49	47.3	104.1	T4
NPHG540-12	540/15Min	155	328	12.91	182	7.17	264	10.39	271	10.67	46.3	101.9	T5
NPHG620-12	620/15Min	165	532	20.94	206	8.11	215	8.46	219	8.62	58.3	128.3	T5
NPHG680-12	680/15Min	170	532	20.94	206	8.11	216	8.50	222	8.74	60.8	133.8	T5
NPHG770-12	770/15Min	210	522	20.55	240	9.45	219	8.62	223	8.78	69.5	152.9	T6
NPHG800-12	800/15Min	230	520	20.47	269	10.59	204	8.03	209	8.23	70.5	155.1	T6
NPHG900-12	900/15Min	255	520	20.47	268	10.55	220	8.66	225	8.86	80.8	177.8	T6
NPHG720-6	720/15Min	180	260	10.24	180	7.09	246	9.69	252	9.92	30.7	67.5	T5