

HC Series

LEAD CARBON BATTERIES



HC Series Lead Carbon Batteries

HC Series Lead Carbon battery uses functional activated graphene as high-level carbon materials, which are added to the negative plate of the battery to make the lead carbon battery with the advantages of both lead-acid batteries and super capacitors. Meanwhile, it is adopted the technology of nano Silica GEL and one-time Gel filling technology & formation, which not only improves the ability of rapid charge and discharge, but also greatly extends the cyclic life. This lead carbon series of batteries are specially designed for daily cycle use, are more suitable for renewable energy storage or where commercial power is unstable.

- Voltage: 2V, 6V, 12V
- Capacity: 2V 200-3000Ah; 6V 200-400Ah; 12V 75-250Ah
- Cyclic usage: 80% DOD >2000 cycles
- Wide operation temperature: -30°C~60°C
- Brand: AMAXPOWER/OEM Brand
- ISO9001/14001/18001
- CE/UL/MSDS
- IEC61427/IEC60896-21/22

Features

1. It uses functional activated carbon and graphene as carbon materials, which are added to the negative plate of the battery, so that the lead-carbon battery has the advantages of both lead-acid batteries and supercapacitors.
2. It not only has the ability to charge and discharge quickly, but also significantly extends the battery life through the non-layered protection of pure gel.
3. This series of batteries are more suitable for PSOC working conditions of energy storage applications.

Applications

- Household energy storage system
- Solar and wind energy storage system
- Distributed energy storage system
- Smart grid and micro grid system
- Solar power generation and off grid energy storage system
- Combined energy storage system of generator set and battery pack
- New energy communication base station, Core computer room, IDC, UPS



Technical Data

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Model NO.	Voltage (V)	Capacity (Ah)	Approx Weight		Dimensions								Terminal Type
			Kg	lbs	Length		Width		Height		Total Height		
					mm	inch	mm	inch	mm	inch	mm	inch	
HC2-200	2	200	11.2	24.69	170	6.69	106	4.17	330	12.99	342	13.46	T5
HC2-300	2	300	16.3	35.94	170	6.69	150	5.91	330	12.99	342	13.46	T5
HC2-400	2	400	19.5	42.99	196	7.72	171	6.73	330	12.99	342	13.46	T5
HC2-500	2	500	26	57.32	241	9.49	171	6.73	330	12.99	342	13.46	T5
HC2-600	2	600	30.2	66.58	285	11.22	171	6.73	330	12.99	342	13.46	T5
HC2-800	2	800	39.3	86.64	383	15.08	171	6.73	330	12.99	342	13.46	T5
HC2-1000	2	1000	52	114.64	471	18.54	171	6.73	330	12.99	342	13.46	T5
HC2-1500	2	1500	81.5	179.68	355	13.98	337	13.27	330	12.99	342	13.46	T5
HC2-2000	2	2000	108	238.1	476	18.74	337	13.27	330	12.99	342	13.46	T5
HC2-3000	2	3000	162	357.15	696	27.40	340	13.39	330	12.99	342	13.46	T5
HC6-200	6	200	31	68.34	306	12.05	168	6.61	220	8.66	226	8.90	T5
HC6-205	6	205	30	66.14	260	10.24	180	7.09	246	9.69	252	9.92	T5
HC6-225	6	225	32.5	71.65	243	9.57	187	7.36	275	10.83	275	10.83	T5
HC6-230	6	230	34.2	75.4	260	10.24	180	7.09	265	10.43	272	10.71	T5
HC6-280	6	280	45.8	100.97	295	11.61	178	7.01	346	13.62	350	13.78	T5
HC6-300	6	300	46.5	102.51	295	11.61	178	7.01	346	13.62	350	13.78	T5
HC6-340	6	340	55	121.25	295	11.61	178	7.01	404	15.91	408	16.06	T5
HC6-380	6	380	56.7	126.1	295	11.61	178	7.01	404	15.91	408	16.06	T5
HC12-75	12	75	26	57.32	260	10.24	169	6.65	211	8.31	215	8.46	T3
HC12-90	12	90	30	66.14	307	12.09	169	6.65	211	8.31	215	8.46	T3
HC12-100	12	100	32	70.55	328	12.91	172	6.77	218	8.58	222	8.74	T4
HC12-110	12	110	39	85.98	407	16.02	174	6.85	208	8.19	233	9.17	T5
HC12-120	12	120	40.5	89.29	341	13.43	173	6.81	281	11.06	281	11.06	T5
HC12-135	12	135	45.5	100.31	484	19.06	171	6.73	241	9.49	241	9.49	T4
HC12-150	12	150	46	101.41	483	19.02	170	6.69	241	9.49	241	9.49	T4
HC12-180	12	180	58.5	128.97	532	20.94	206	8.11	215	8.46	219	8.62	T4
HC12-200	12	200	64.8	142.86	522	20.55	240	9.45	219	8.62	224	8.82	T5
HC12-220	12	220	70.8	156.09	520	20.47	268	10.55	203	7.99	207	8.15	T5
HC12-250	12	250	77.5	170.86	520	20.47	268	10.55	220	8.66	224	8.82	T5