HLC SERIES LEAD CARBON BATTERIES

> Voltage: 6V, 12V
> Capacity: 6V400Ah, 12V250Ah.
> Cyclic usage: 80% DOD, >2000 cycles.

APPLICATIONS

Home energy storage system
Smart power grid and micro-grid system
Distributed energy storage system
Solar and wind energy storage system
Electric power vehicles
Solar power generation grid or off-grid energy storage system
Generation and battery hybrid energy storage system

ADVANTAGES

HLC series lead-carbon batteries use functional activated carbon and graphene as carbon materials, which are added to the negative plate of the battery to make lead carbon batteries have the advantages of both lead-acid batteries and super capacitors. It not only improves the ability of rapid charge and discharge, but also greatly prolongs the battery life, more than 2000 cycles at 80%DOD. It is specially designed for daily heavy cyclic discharge use with feature low boost charge voltage, so is more suitable for the application of PSOC.

CSPOWER MODEL	Voltage	Capacity	Battery Dimension (mm)				Weight (kg)	Terminal	Bolt
	(V)	(Ah) C20	Length	Width	Height	Total Height	(±3%)		
HLC6-200	6	200	306	168	220	226	31.0	T5	M8
HLC6-205	6	205	260	180	246	252	30.0	T5	M8
HLC6-225	6	225	243	187	275	275	32.5	T5	M8
HLC6-230	6	230	260	180	265	272	34.2	T5	M8
HLC6-280	6	280	295	178	346	350	45.8	T5	M8
HLC6-300	6	300	295	178	346	350	46.5	T5	M8
HLC6-340	6	340	295	178	404	408	55.0	T5	M8
HLC6-400	6	400	295	178	404	408	57.3	T5	M8
HLC12-20	12	20	166	175	126	126	8.4	T2	M6
HLC12-24	12	24	165	126	174	174	8.6	T2	M6
HLC12-30	12	30	196	130	155	167	10.2	T3	M6
HLC12-35	12	35	198	166	174	174	14	T2	M6
HLC12-50	12	50	229	138	208	212	17.7	T3	M6
HLC12-60	12	60	350	167	178	178	23.0	T3	M6
HLC12-75	12	75	260	169	211	215	26.0	T3	M6
HLC12-90	12	90	307	169	211	215	30.0	T3	M6
HLC12-100	12	100	331	176	215	219	33.0	T4	M8
HLC12-110	12	110	407	174	208	233	39.0	T5	M8
HLC12-120	12	120	341	173	283	287	40.5	T5	M8
HLC12-135	12	135	484	171	241	241	45.5	T4	M8
HLC12-180	12	180	532	206	215	219	58.5	T4	M8
HLC12-200	12	200	522	240	219	223	64.8	T5	M8
HLC12-220	12	220	520	268	203	207	70.8	T5	M8
HLC12-250	12	250	520	268	220	224	77.5	T5	M8