

HIGH TEMPERATURE BATTERIES - CHT



HIGH TEMPERATURE BATTERY APPLICATIONS

CHT is our series of High Temperature batteries, designed to operate in an extreme temperature range of -40°C to +65°C. Typical applications of CHT batteries include:

Solar street lights in desert weathers Back-up applications in high temperatures Renewable energy, both solar and wind Off-grid systems in extreme environments Communication base stations, even without AC

Volts available: 2V and 12V Capacities: from 7 Ah up to 1,500 Ah Operating temperature: from -40°C to +65°C Nominal Temperature: 40°C Design life: 10 years

ENERGY STORAGE FOR HIGH TEMPERATURE

CHT batteries can operate in high temperatures without having any negative impact on the life of the batteries. The batteries have several other features, such as fast charging capabilities, a long design life and an impressive cyclic count. Our CHT batteries have been installed by many reputable companys worldwide, such as Saudi Aramco for the Fadhilli Bridge Project and the Shedgun Project. Here is a sample selection of the High Temp batteries available in the CHT series, please visit www.canbat.ca for the full range.

Model	Voltage (V)	Capacity (Ah)	Length		Width		Height		Total Height		Weight		-
			mm	in.	mm	in.	mm	in.	mm	in.	kg	lbs	Terminal Type
CHT200-2F	2	200	170	6.6874	110	4.3272	328	12.903	350	13.768	15.1	33.282	T11
CHT300-2F	2	300	170	6.6874	150	5.9007	330	12.981	350	13.8	20.6	45.404	T11
CHT400-2F	2	400	210	8.2609	175	6.8841	330	12.981	350	13.8	29.2	64.359	T11
CHT500-2F	2	500	240	9.4411	175	6.8841	327.5	12.883	347.5	13.7	34.6	76.261	T11
CHT600-2F	2	600	300	11.801	175	6.8841	330	12.981	350	13.8	42.3	93.233	T11
CHT800-2F	2	800	410	16.128	175	6.8841	330	12.981	350	13.8	58.4	128.72	T11
CHT1000-2F	2	1000	475	18.685	175	6.8841	328	12.903	350	13.8	69.5	153.18	T11
CHT1500-2F	2	1500	403	15.853	354	13.926	339	13.335	349	13.7	109.5	241.35	T11
CHT100-12F	12	100	394	15.499	110	4.3272	286	11.251	286	11.3	31.5	69.429	T6
CHT150-12F	12	150	551	21.675	110	4.3272	288	11.329	288	11.3	46	101.39	T6
CHT200-12F	12	200	560	22.029	126	4.9566	320	12.588	320	12.6	59.5	131.14	T11
CHT7-12	12	7	151	5.94	65	2.557	93.5	3.6781	99.5	3.9141	2.45	5.4	T1
CHT50-12	12	50	257	10.11	132	5.1926	200	7.8675	200	7.8675	19.6	43.2	T6
CHT65-12	12	65	348	13.69	167	6.5694	178	7.0021	178	7.0021	22.3	49.151	T11
CHT80-12	12	80	259	10.188	168	6.6087	208	8.1823	214	8.4183	28	61.714	T6
CHT100-12	12	100	330	12.981	173	6.8054	212	8.3396	220	8.6543	33.5	73.837	T11
CHT150-12	12	150	485	19.079	170	6.6874	240	9.4411	240	9.4411	56	123.43	T11
CHT200-12	12	200	522	20.534	240	9.4411	218	8.5756	224	8.8117	67.4	148.56	T11
CHT250-12	12	250	522	20.534	268	10.543	220	8.6543	226	8.8903	75	165.31	T11

HIGH TEMPERATURE BATTERIES - Designed for cyclical application in extreme whether

Unlike standard lead acid batteries, which are affected by extreme temperatures, our CHT batteries are specifically designed for high temperature environments, both indoors and outdoors. If you live in a very hot environment, such as in the Arabian Gulf region or in Central America, standard lead acid batteries will not last long. In fact, too much heat can cause a standard lead acid batteries that are able with withstand the heat. Our CHT batteries are not only unaffected by heat, but they also have a long design life of 8 years. CHT batteries also have the capability of fast recharge and an excellent cycle life. Whether you have a solar project, need to power a telecommunication base or simply using the batteries for back-up power, CHT batteries are the perfect choice for your project.



TECHNICAL SPECIFICATION











ALL DATA IS SUBJECT TO CHANGE WITHOUT NOTICE



Effect of Temperature on Long Term Float Life



