

Glof Cart BATTERY

Deep Cycle Gel 12V/8V/6V Series

CSPower HTL deep cycle gel battery adopts the advanced developed nano gel electrolyte with super-C additive plus heavy duty plates design inside. It has a longer service life even deep cycle discharge use and can provide optimum and reliable service under extreme condition such as high temperature and frequent power failure.

Best Partner for golf carts, electric stables, electric vehicles, washing machines etc.



Features

- **Capacity range:** 14 ~ 420Ah
- **Voltage:** 6V,8V,12V
- **Low self-discharge rate:** ≤3% per month
- **High oxygen recombination efficiency:** ≥98%
- **Lifetime:** 18 ~ 20 years design lifetime in standby application at 25 °C
- **Wide operation temperature range:** -40 °C ~ +60 °C
- **Deep cycle performance:** up to 2800 cycles@30% DOD ; 50% DOD 1600 Cycles
- **Excellent deep discharge recovery capability**
- **Longer life and higher stability under high temp. environment (no air-con needed)**
- **Integrated design to ensure the best uniformity and reliability**



Applications



Golf trolleys and golf carts



Electric forklifts



Sweeper/ Floor machine/Washing machine

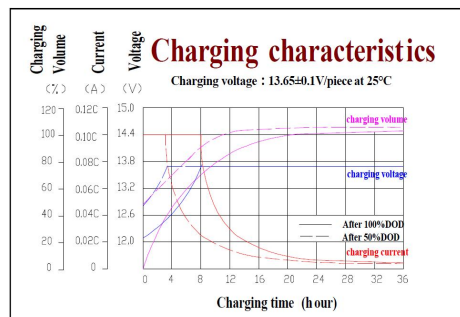


Specifications

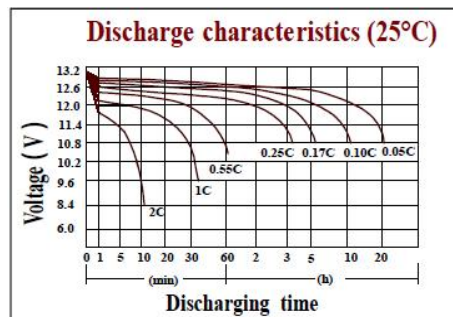
CSPower Model	Nominal Voltage (V)	Capacity (Ah)	Dimension (mm)				Net Weight kgs	Terminal type
			Length	Width	Height	Total Height		
HTL6-200	6	200/20HR	306	168	220	226	30.3	M8
HTL6-210	6	210/20HR	260	180	246	252	29.8	M8
HTL6-220	6	220/20HR	306	168	220	225	31.8	M8
HTL6-225	6	225/20HR	243	187	275	275	30.8	M8/AP
HTL6-226	6	226/20HR	260	180	246	252	30.3	M8/AP
HTL6-250	6	250/20HR	260	180	265	272	34.8	M8
HTL6-310	6	310/20HR	295	178	346	350	46.3	M8
HTL6-330	6	330/20HR	295	178	346	350	46.9	M8/DT
HTL6-380	6	380/20HR	295	178	404	408	55.6	M8/DT
HTL6-420	6	420/20HR	295	178	404	410	57.1	M8/DT
HTL8-170	8	170/20HR	260	182	266	271	34.3	M8
HTL8-200	8	200/20HR	260	182	295	301	38.7	M8
HTL12-14	12	14/20HR	152	99	96	102	3.8	F1/F2
HTL12-18	12	18/20HR	181	77	167	167	5.4	M5/L1
HTL12-20	12	20/20HR	181	77	167	167	6	M5/L1
HTL12-24	12	24/20HR	166	175	126	126	8.3	M5/M6
HTL12-26	12	26/20HR	165	126	174	174	8.4	M6
HTL12-35	12	35/20HR	196	130	155	167	10.5	M6
HTL12-40	12	40/20HR	198	166	174	174	14	M6
HTL12-50	12	50/20HR	198	166	174	174	14.5	M6
HTL12-55	12	55/20HR	229	138	208	212	16.3	M6
HTL12-60	12	60/20HR	229	138	208	212	17.5	M6
HTL12-70	12	70/20HR	350	167	178	178	23.6	M6
HTL12-75	12	75/20HR	260	169	211	215	24.8	M6
HTL12-85	12	85/20HR	260	169	211	215	25.7	M6/M8
HTL12-90	12	90/20HR	307	169	211	215	28.5	M8
HTL12-100	12	100/20HR	307	169	211	215	30	M6/M8/AP
HTL12-110	12	110/20HR	328	172	218	222	32.8	M8/AP
HTL12-120	12	120/20HR	407	174	208	233	39.5	M8
HTL12-135	12	135/20HR	341	173	283	287	41.1	M8/AP
HTL12-150	12	150/20HR	484	171	241	241	45.8	M8
HTL12-180	12	180/20HR	532	206	215	220	56.3	M8
HTL12-200	12	200/20HR	532	206	215	220	58.7	M8
HTL12-230	12	230/20HR	522	240	219	223	65.3	M8
HTL12-250	12	250/20HR	520	268	203	207	71.3	M8
HTL12-300	12	300/20HR	520	268	220	226	77.3	M8

CHARACTERISTICS

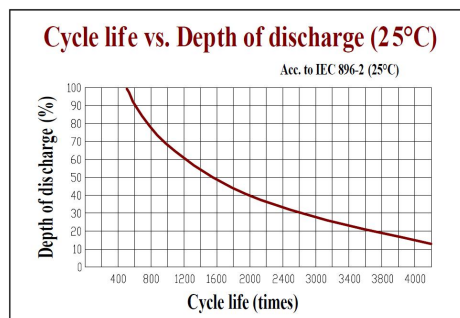
◆ Charging Characteristics



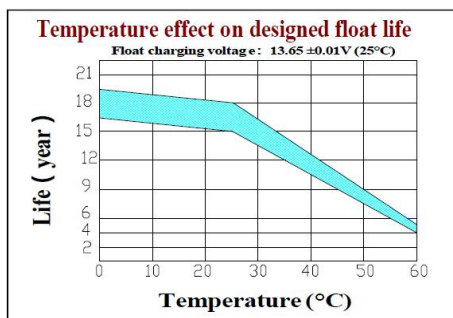
◆ Discharging Characteristics($25^{\circ}C$)



◆ Cycle Life VS. Depth of Discharge($25^{\circ}C$)



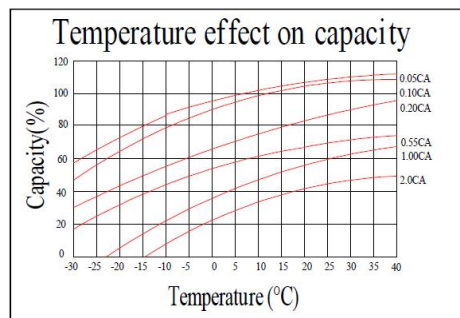
◆ Temperature Effect on designed float Life



Battery Construction

Component	Positive plate	Negative plate	Container & Cover	Safety valve	Terminal	Separator	ElectroMe	Pillar seal
Features	Thick high Sn low Ca grid with special paste	Balanced Pb-Ca grid for improved recombination efficiency	ABS (UL94-V0)	Flame Si-Rubber and aging resistance	Female Copper Insert M8/M6	Fiberglass	Silicon Gel	Two layers epoxy resin seal

◆ Temperature Effect on Capacity



◆ Temperature Effect on battery self-discharge

