

Glof Cart BATTERY

High Temperature 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 ;
- **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



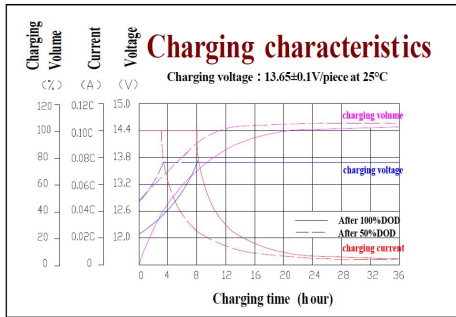
Specifications

CSPOWER MODEL	Voltage	Capacity	Battery Dimension (mm)				Weight (kg)	Bolt
	(V)	(Ah)	L	W	H	TH	(±3%)	
HTL12-14	12	14	152	99	96	102	4.1	/
HTL12-20	12	20	181	77	167	167	6.3	M5×12
HTL12-24	12	24	166	175	126	126	8.6	M6×14
HTL12-26	12	26	165	126	174	179	8.7	M6×14
HTL12-35	12	35	196	130	155	167	10.8	M6×16
HTL12-40	12	40	198	166	174	174	14.5	M6×14
HTL12-55	12	55	229	138	208	212	16.3	M6×16
HTL12-70	12	70	350	167	178	178	23.6	M6×16
HTL12-75	12	75	260	169	208	227	25.3	M6×16
HTL12-85	12	85	260	169	208	227	26.4	M6×16
HTL12-90	12	90	307	169	211	216	28.5	M6×16
HTL12-100	12	100	307	169	211	216	30.5	M6×16
HTL12-110	12	110	331	174	214	220	33.6	M8×18
HTL12-120	12	120	407	173	210	233	39.5	M8×18
HTL12-135	12	135	344	172	280	285	41.1	M8×18
HTL12-150	12	150	484	171	241	241	45.8	M8×18
HTL12-180	12	180	532	206	216	222	56.3	M8×18
HTL12-200	12	200	532	206	215	220	58.7	M8×18
HTL8-170	8	170	260	182	266	271	34.3	M8×18
HTL8-200	8	200	260	182	295	301	38.3	M8×18
HTL6-200	6	200	306	168	260	225	30.3	M8×18
HTL6-210	6	210	260	180	247	249	29.8	M8×18
HTL6-220	6	220	306	168	220	222	31.8	M8×18
HTL6-225	6	225	243	187	275	275	30.8	M8×18
HTL6-250	6	250	260	180	265	272	34.8	M8×18
HTL6-310	6	310	295	178	346	366	46.3	M8×18
HTL6-330	6	330	295	178	354	360	46.9	M8×18
HTL6-380	6	380	295	178	404	410	55.6	M8×18
HTL6-420	6	420	295	178	404	410	57.1	M8×18

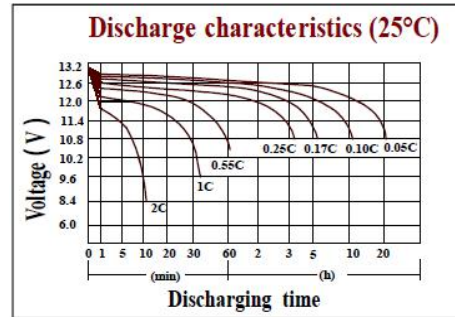
Products will be improved without notice, please contact sales for specification in kind prevail.

CHARACTERISTICS

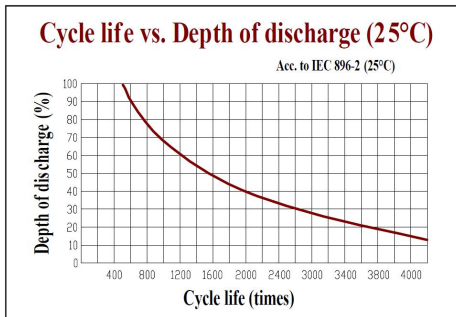
◆ Charging Characteristics



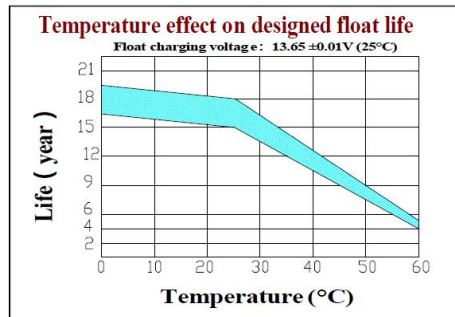
◆ Discharging Characteristics($25^{\circ}C$)



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



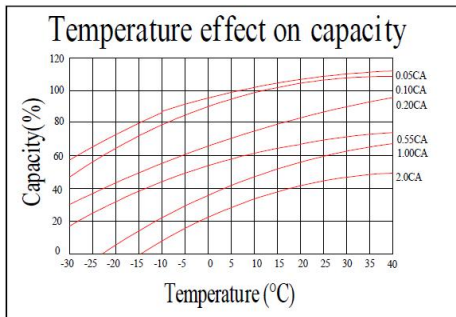
◆ Temperature Effect on designed float Life



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

