

# 胶体电池 GEL BATTERY

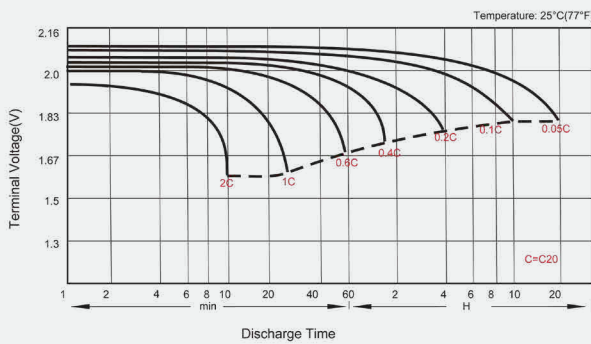


GEL 胶体电池, 具有 10-12 年以上的浮充设计寿命, 专门为极端温度环境中频繁地循环放电使用而设计。所采用的特殊的板栅合金保证电池在频繁地循环放电使用中仍保持稳定优良的性能。在 50%DOD 条件下可达到 1200 次循环, 深放电循环性能优良。

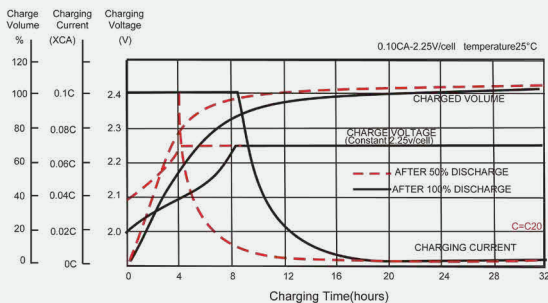
The TAICO gelled battery (TPG series) uses the sealed gel technology and is designed for high reliable, maintenance-free power for renewable energy applications. Depending on the advantage gel technology, optimum grid and plate design, the TAICO gel battery offers highest power and reliability for your equipment.

## 性能曲线 / PERFORMANCE

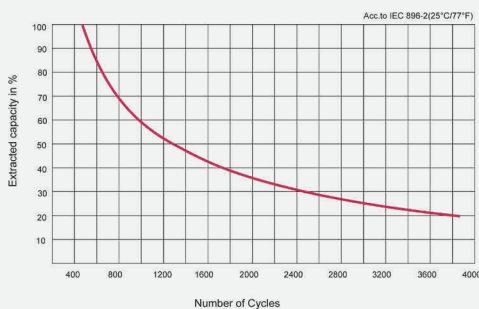
放电曲线 Discharge Characteristics



充电曲线 Charge Characteristics



循环次数曲线 Cycle Life Characteristics



## 规格参数 / SPECIFICATION

类目 ITEM	规格参数 SPECIFICATION
电压范围 Nominal Volt Range	2V / 6V / 12V
容量范围 Capacity Range in Ah	17Ah - 3000Ah
外壳材质 Container Material	ABS
正极板 Positive Plate	Flat pasted plate with lead-calcium-tin grid alloy (radial design)
负极板 Negative Plate	Flat pasted plate with lead-calcium grid alloy (radial design)
隔板 Separators	Microporous PVC-SiO <sub>2</sub> separator
电解液 Electrolyte	Gel: SiO <sub>2</sub> gelled sulfuric acid
充电电流 Charging Current	≤ 0.2C
操作温度范围 Operating Temp. Range	-15°C - 50°C
存储时间 (月) Storage time(Month)	3-6 Months
循环次数 Cycles up to	1200 @50% DOD
设计寿命 (年) Design Lifespan(Year)	8 - 10 Year
生产标准 Standards	IEC60896-21/22: 2004 DIN43539-T5 1984 IEC61427-2005 YD/T1360-2005 GB/T 22473-2008

## 产品列表 / PRODUCT LIST

MODEL	VOLT	CAPACITY	APPROX. WEIGHT	DIMENSION (L×W×H×TH)	BOX MATERIAL	TERMINAL
TPG2-100	2V	100AH	5.8Kg	171*71*207*227mm	ABS	T7
TPG2-150	2V	150AH	8.3Kg	172*102*207*227mm	ABS	T7
TPG2-200	2V	200AH	13Kg	172*111*329*356mm	ABS	T11
TPG2-250	2V	250AH	15Kg	172*111*329*356mm	ABS	T11
TPG2-300	2V	300AH	18Kg	171*151*330*366mm	ABS	T11
TPG2-400	2V	400AH	25.5Kg	210*176*329*366mm	ABS	T11
TPG2-500	2V	500AH	28.5Kg	241*172*331*366mm	ABS	T11
TPG2-600	2V	600AH	36Kg	301*175*331*366mm	ABS	T11
TPG2-800	2V	800AH	50.5Kg	410*175*330*365mm	ABS	T11
TPG2-1000	2V	1000AH	61Kg	475*175*330*356mm	ABS	T11
TPG2-1200	2V	1200AH	68Kg	475*175*330*356mm	ABS	T11
TPG2-1500	2V	1500AH	96Kg	401*351*342*369mm	ABS	T11
TPG2-2000	2V	2000AH	124Kg	491*351*343*369mm	ABS	T11
TPG2-2500	2V	2500AH	185Kg	487*212*772*807	ABS	T11
TPG2-3000	2V	3000AH	190Kg	710*352*342*369mm	ABS	T11

MODEL	VOLT	CAPACITY	APPROX. WEIGHT	DIMENSION (L×W×H×TH)	BOX MATERIAL	TERMINAL
TPG12-17	12V	17Ah	5.2Kg	181*76*166*166mm	ABS	T3/T12
TPG12-20	12V	20Ah	5.48Kg	181*76*166*166mm	ABS	T3/T12
TPG12-24	12V	24Ah	7.7Kg	175*165*125*125mm	ABS	T3/T12
TPG12-24	12V	24Ah	8Kg	165*125*175*175mm	ABS	T3/T12
TPG12-33	12V	33Ah	10.2Kg	195*130*154*181mm	ABS	T5/T6/T12
TPG12-38	12V	38Ah	12.2Kg	196*165*175*182mm	ABS	T5/T6/T12
TPG12-40	12V	40Ah	12.5Kg	196*165*175*182mm	ABS	T6
TPG12-50	12V	50Ah	17.2Kg	330*172*166*178mm	ABS	T6
TPG12-55	12V	55Ah	18.3Kg	348*168*178*178mm	ABS	T6
TPG12-60	12V	60Ah	19Kg	348*168*178*178mm	ABS	T6
TPG12-65	12V	65Ah	20.5Kg	348*168*178*178mm	ABS	T6
TPG12-70	12V	70Ah	21.5Kg	260*168*210*227mm	ABS	T6
TPG12-100	12V	100Ah	29.3Kg	329*172*214*243mm	ABS	T11
TPG12-120	12V	120Ah	34Kg	406*174*207*232mm	ABS	T11
TPG12-150	12V	150Ah	41.5Kg	483*170*240*240mm	ABS	T11
TPG12-200	12V	200Ah	59.5Kg	522*240*219*244mm	ABS	T11
TPG12-250	12V	250Ah	73.5Kg	520*269*220*249mm	ABS	T11

MODEL	VOLT	CAPACITY	APPROX. WEIGHT	DIMENSION (L×W×H×TH)	BOX MATERIAL	TERMINAL
TPG6-100	6V	100AH	15Kg	194*170*205*210mm	ABS	T6
TPG6-150	6V	150AH	23.5Kg	260*180*245*250mm	ABS	T7
TPG6-180	6V	180AH	36.5Kg	260*182*295*298mm	ABS	T11
TPG6-190	6V	190AH	28.5Kg	243*187*253*276mm	ABS	T11
TPG6-200	6V	200AH	30.5Kg	321*176*226*229mm	ABS	T11
TPG6-220	6V	220AH	32Kg	243*187*253*276mm	ABS	T11