

产品特点 PRODUCT FEATURES

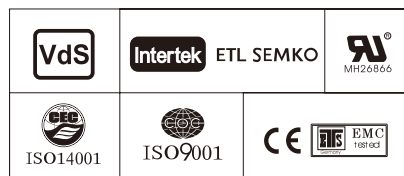
- MF系列UPS电池, 高功率极板设计, 具有高倍率放电能力, 重量轻、比能量高, 内阻低, 充电接受能力强, 稳定性及一致性高, 安装灵活、维护便捷等特点。
- MF Series UPS battery, high power plate design, with high discharge capacity, light weight, high energy density, low internal resistance, charge acceptance ability, stability and high consistency, flexible installation, maintenance, convenient features.



应用范围 APPLICATION

■ 适用于UPS、EPS、通信、IDC、银行、交通等后备电源

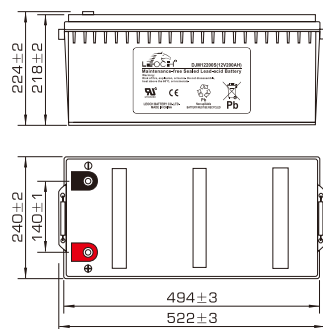
■ For UPS, EPS, Communications, IDC, banking, transportation and other back-up power



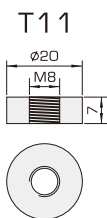
额定电压 Nominal Voltage	12V
额定容量 Nominal Capacity (20 hour-rate to 1.75V/Cell)	200Ah(20hr)
尺寸 Dimension (Length*Width*Height)	522*240*218mm
参考重量 Approx Weight	56 Kg
参考内阻 Internal Resistance	3.2mΩ
运行温度范围 Operating Temperature Range	Charging: 0 to 40°C Discharge: -20 to 55°C Storage: -15 to 50°C
温度对容量的影响 Capacity affected by Temperature	40°C 103% 25°C 100% 0°C 85%
浮充电压 Float Charging Voltage	13.5 to 13.8V; Recom. 13.5V
均充电压 Equalizing Charging Voltage	13.8 to 14.1V; Recom. 14.1V
浮充温度补偿系数 Float Charging Temp. Coefficient	-18mV/°C
均充温度补偿系数 Equalizing Charging Temp. Coefficient	-24mV/°C
最大充电电流 Max. Charging Current	50A
最大持续放电电流 Max. Continuous Discharge Current	459A
月自放电率 Month Self Discharge	2% (20°C)
标准端子 Terminal	T11 (Female M8)
外壳 Container Material	ABS (UL94-HB)

Temperature: 25°C

尺寸 Dimensions (mm)

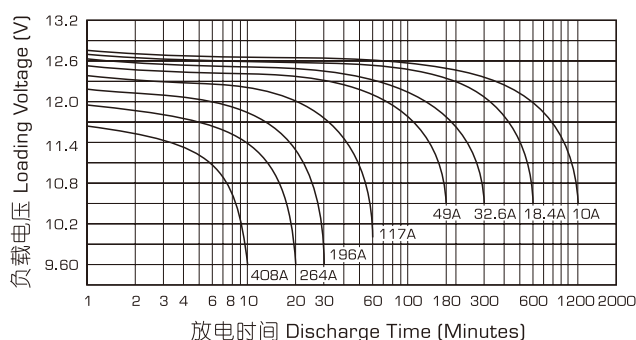


Terminal



扭矩: 11~14.7 N·m

放电特性曲线 Discharge Characteristics



恒功率放电表 Constant Power Discharge (瓦Watts/单格Cell)

Temperature: 25°C

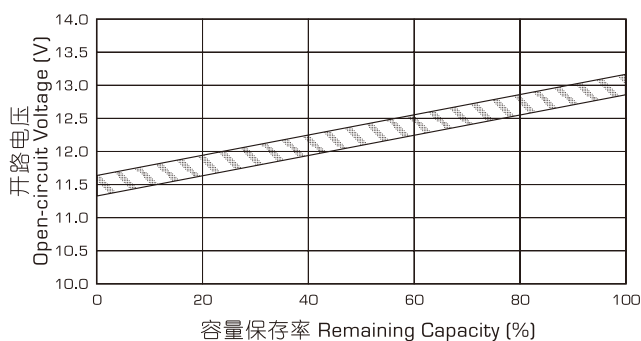
Time F.V.(V/Cell)	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.80	787	602	495	417	318	240	206	155	124	93.2	74.5	62.6	54.3	43.0	35.8	19.6
1.75	846	637	518	433	329	248	212	159	127	95.3	76.1	63.8	55.3	43.7	36.3	19.9
1.70	/	671	542	451	341	256	218	163	130	97.6	77.7	65.0	56.4	44.4	36.8	20.1
1.67	/	690	560	461	347	260	222	166	132	98.8	78.6	65.7	56.9	44.8	37.1	20.2
1.60	/	731	585	483	362	271	230	171	137	102	80.8	67.4	58.3	45.7	37.8	20.6

All data shall be changed without prior notice, Leoch reserves the right to explain and update the information contained herein.

F.V.(V/Cell): 终止电压(V/单格)

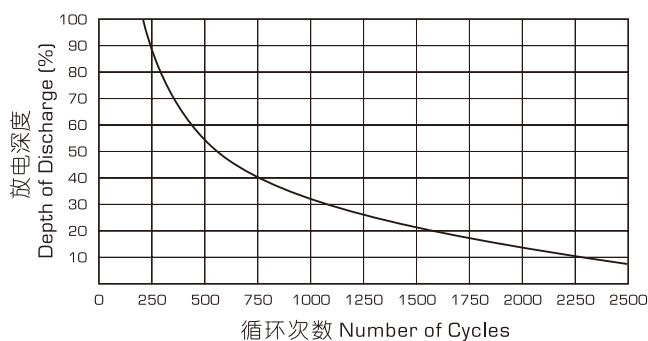
开路电压与容量关系

Open Voltage-remaining Capacity



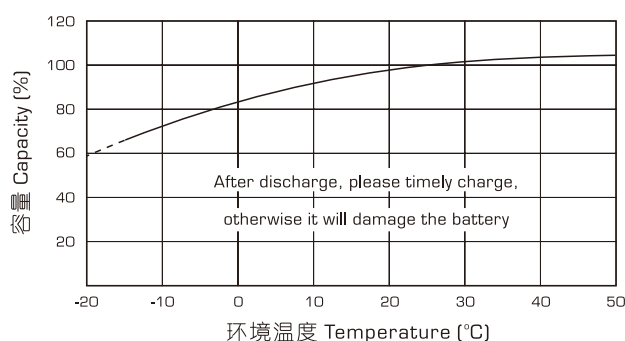
循环寿命与放电深度的关系

Cycle service life in relation to depth of discharge



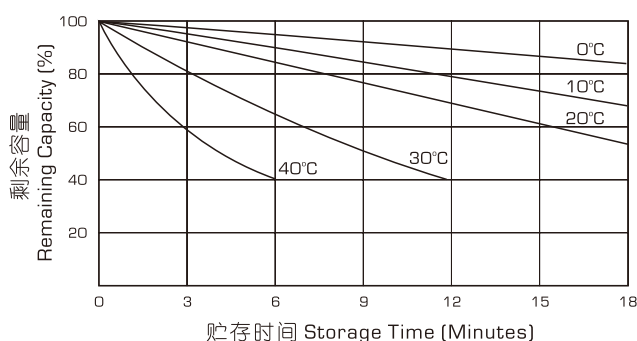
环境温度与放电容量的关系

Temperature effects in relation to battery capacity



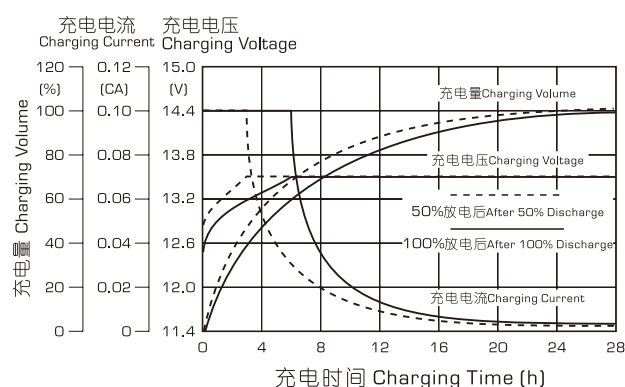
自放电特性曲线

Self discharging characteristics



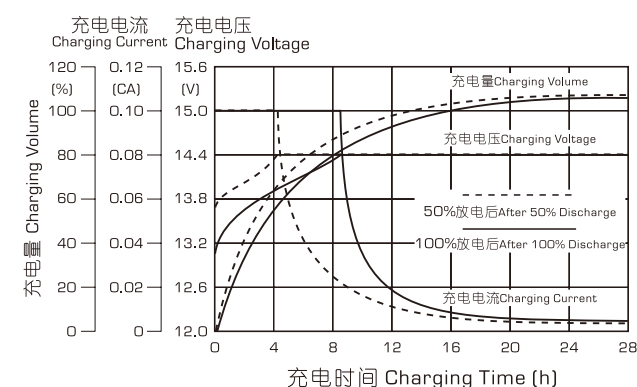
浮充使用充电特性

Float charging characteristics



循环使用充电特性

Cycle use charging characteristics



Battery storage temperature and charging time interval

Storage temp.	Supplementary charge interval	Charging methods
Less than 20°C	9 months	a) Using 2.25V /cell constant current limiting 0.1CA charge 2 to 3 days; b) with 2.35V / single cell constant current limiting 0.1CA charge 12 to 16 hours;
20 to 30°C	6 months	c) with the matching Smart charger to turn lights; Can choose one of three methods
30 to 40°C	3 months	

Cautions:

- ※ Do not use batteries for application other than those specified in its specification.
- ※ Do not attempt to disassemble, revised, damaged, impacted, disposed batteries, otherwise the battery would be leaked, heated, exploded.
- ※ Do not dispose of the batteries in water, fire, and do not heating the batteries.
- ※ Do not short batteries
- ※ If the voltage of battery back is above 45V, please be sure wear the insulated glove in working, otherwise, it may be get an electronic shock.
- ※ There are sulfuric acid in the battery, do not contact with sulfuric acid in skin, cloths, especially in eyes. If eyes contact with sulfuric acid, please wash with a lot of clean water, and consult a physician immediately.