Powered by

BATTERY ®

EVX 12340 ▶ 12V 34Ah

EVX 12340 is designed specially for electric vehicles, such as electric golf cart, electric wheelchair, mower, dust collector...etc. It has high cycling life, high efficiency and long service life.

▶ Specification

CellsPerUnit	6
Voltage PerUnit	12
Capacity	34Ah@20hr-rateto1.75Vpercell@25 ℃(77℉)
Weight	Approx. 10.77 kg (23.74 lbs)
Maximum DischargeCurrent	400A(5sec)
Internal Resistance	Approx.8.5m Ω
Operating Temperature Range	Discharge:-15 ℃~50℃(5℉~122℉) Charge: -15 ℃~40℃(5℉~104℉) Storage: -15℃~40℃(5℉~104℉)
Nominal Operating Temperature Range	25℃±3℃(77℉±5℉)
FloatCharging Voltage	13.5to13.8VDC/unitAverage at25 ℃(77℉)
RecommendedMaximum Charging CurrentLimit	10.2 A
Equalization andCycleService	14.4to15.0VDC/unitAverage at25 ℃(77℉)
SelfDischarge	CSBBatteries canbestoredformorethan6months at 25℃(77℉). Pleasecharge batteries beforeusing. For highertemperaturesthetimeinterval willbeshorter.
Terminal	B5-L terminal to accept M6 nut & bolt
Container Material	ABS(UL 94-HB/File E50263)*Flammability resistance of (UL 94-V0/File E88637) can be available upon request.

MH14533(N)

TÜV CERT ISO9001 No :041005117

RWTUV ISO 14001 NO.UM 1-12-0045

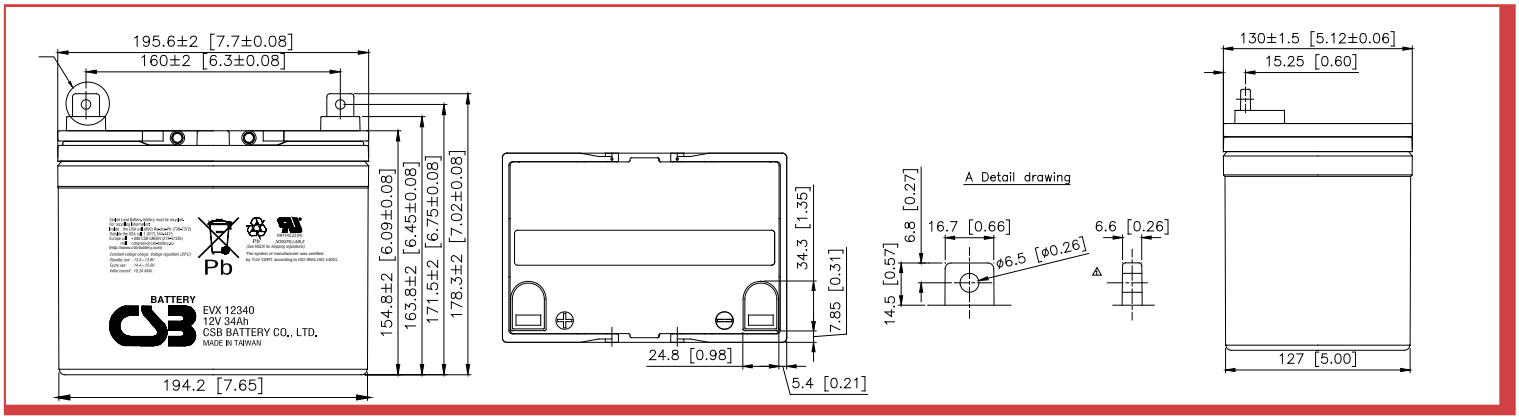
CSB-manufactured VRLA batteriesareUL-recognizedcomponents underUL924and UL1989.

CSBisalsocertifiedby ISO9001and ISO14001.

▶ Dimensions :

Unit: mm (inch)

Overall Height (H)	Container height (h)	Length (L)	Width (W)
178.3±2 (7.02±0.08)	154.8±2 (6.09±0.08)	195.6±2 (7.7±0.08)	130±1.5 (5.12±0.06)



Constant Current Discharge Characteristics Unit:A (25℃,77℉)

F.V/Time	30MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	34.5	20.2	14.6	11.6	8.25	6.53	5.39	3.63	3.06	1.85
1.67V	33.6	19.8	14.5	11.5	8.19	6.49	5.34	3.57	3.02	1.80
1.70V	32.8	19.5	14.3	11.3	8.12	6.42	5.28	3.51	2.95	1.76
1.75V	31.8	19.1	14.0	11.2	8.02	6.36	5.22	3.46	2.90	1.72
1.80V	30.8	18.7	13.8	11.0	7.86	6.27	5.14	3.41	2.86	1.69
1.85V	29.9	18.3	13.5	10.8	7.74	6.12	5.07	3.36	2.82	1.65

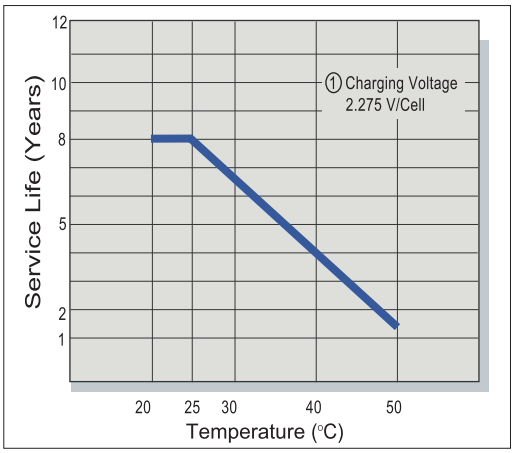
Constant Power Discharge Characteristics Unit:W (25℃,77℉)

F.V/Time	30MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	414	242	175	141	99.0	78.4	64.7	43.6	36.0	19.5
1.67V	404	238	173	139	98.3	78.0	64.1	42.8	35.3	19.0
1.70V	393	234	171	137	97.4	77.4	63.4	42.2	34.6	18.5
1.75V	382	229	168	135	96.3	76.5	62.6	41.5	33.9	18.0
1.80V	370	224	165	132	95.1	75.5	61.8	40.9	33.4	17.6
1.85V	359	219	162	130	93.7	74.2	60.8	40.3	32.9	17.1

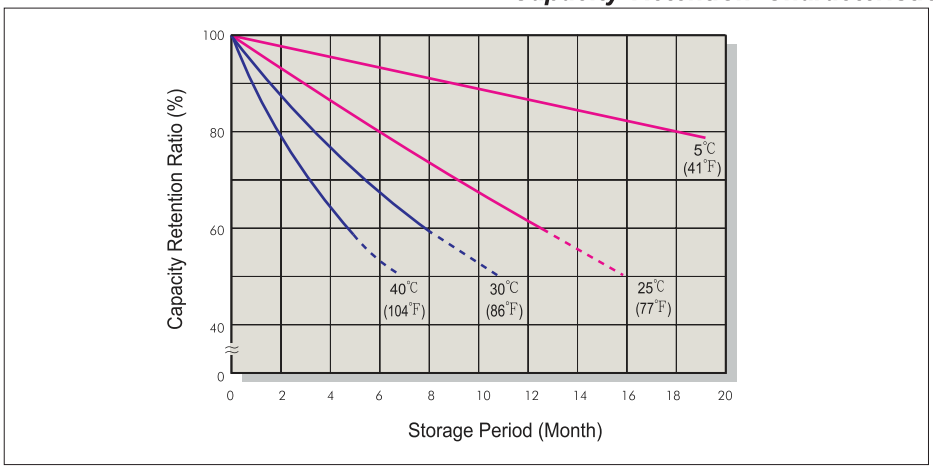
EVX12340

12V 34Ah

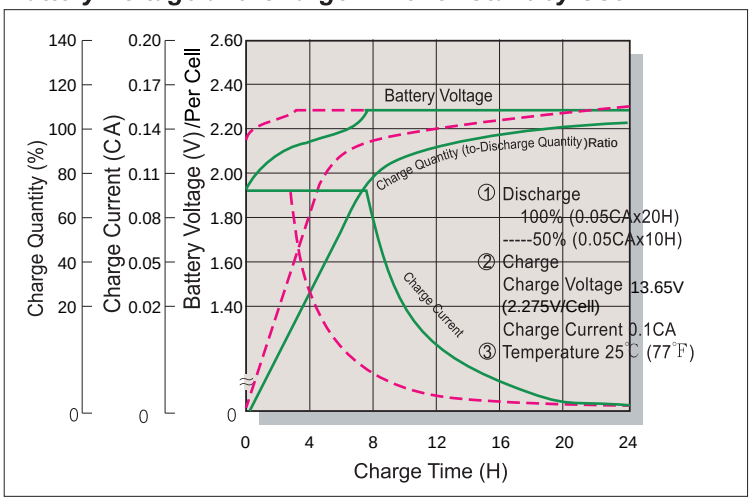
Trickle (or Float) Service Life



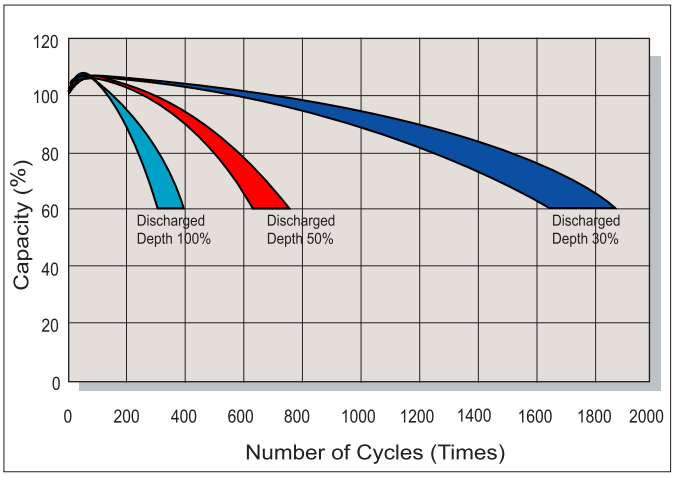
Capacity Retention Characteristic



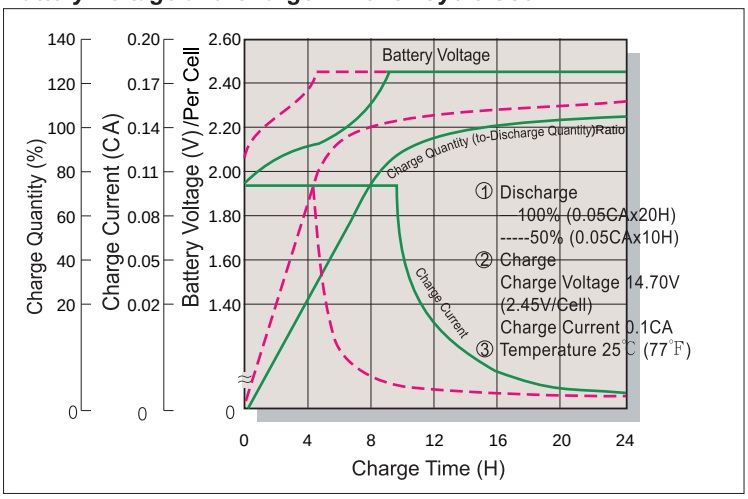
Battery Voltage and Charge Time for Standby Use



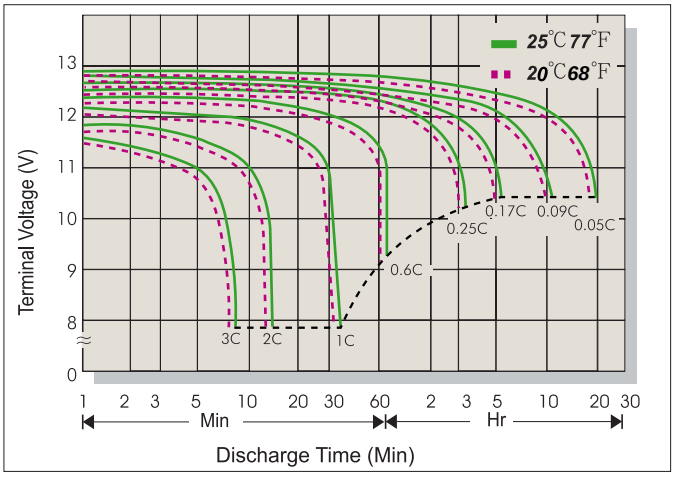
Series Cycle Service Life



Battery Voltage and Charge Time for Cycle Use



Terminal Voltage (V) and Discharge Time



Charging Procedures

Application	Charge Voltage(V/Cell)			Max.Charge Current
	Temperature	Set Point	Allowable Range	
Cycle Use	25℃(77℉)	2.45	2.40~2.50	0.3C
Standby	25℃(77℉)	2.275	2.25~2.30	

Discharge Current VS. Discharge Voltage

Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30
Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C

Sales Office URL:WWW.CSB-BATTERY.COM

GLOBAL HQ
CSB BATTERY CO., LTD. (TAIWAN)
Tel : +886-2-2880-5600
Fax : +886-2-2888-3300
mail : service@csb-battery.com.tw

BEIJING OFFICE. (CHINA)
CSB BATTERY TECHNOLOGIES (BEIJING) CO., LTD.
Tel : +86-10-5820-5336/5338
Fax : +86-10-58203053
mail : chinasls@csb-battery.com

AMERICA HQ
CSB BATTERY TECHNOLOGIES INC. (U.S.A)
Tel : +1-817-244-7777/1-(800)3-CSB-USA(272872)
Fax : +1-817-244-4445
mail : csb@csb-battery.com

SHANGHAI OFFICE. (CHINA)
CSB BATTERY LOGISTIC (SHANGHAI) CO., LTD.
Tel : +86-21-5046-1622/5046-0833
Fax : +86-21-5064-3314
mail : chinasls@csb-battery.com

EUROPE HQ
CSB Battery Europe BV.
Tel : +31(0)-180-418-140
Fax : +31(0)-180-418-327
mail : eurosales@csb-battery.eu

SHENZHEN OFFICE.(CHINA)
CSB BATTERY LOGISTIC (SHANGHAI) CO., LTD.
Tel : +86-755-8831-6488/6396/6356
Fax : +86-755-8831-6548
mail : she@csb-battery.com.cn