

Powered by



UPS12580 ▶

UPS 12580 is specially designed for high efficient discharge application. Its characteristics are high energy density, small footprint and high discharge efficiency. It can be used for more than 260 cycles at 100% discharge in cycle service, up to 5 years in standby service.

► Specification

Cells Per Unit	6
Voltage Per Unit	12
	580W @ 5min-rate to Watt(1.60V)/pcs @25 °C(77°F)
Capacity	
Weight	Approx. 2.83 kg(6.24 lbs)
Maximum Discharge Current	130A(5sec)
Internal Resistance	Approx. 12.5mΩ
Operating Temperature Range	Discharge: -15°C~50°C (5°F~122°F) Charge: -15 °C~40°C (5°F~104°F) Storage: -15°C~40°C (5°F~104°F)
Nominal Operating Temperature Range	25°C±3°C(77°F±5°F)
Float Charging Voltage	13.5 to 13.8 VDC/unit Average at 25°C(77°F)
Recommended Maximum Charging Current Limit	3.76A
Equalization and Cycle Service	14.4 to 15.0 VDC/unit Average at 25°C(77°F)
Self Discharge	CSB Batteries can be stored for more than 6 months at 25°C(77°F). Please charge batteries before using. For higher temperatures the time interval will be shorter.
Terminal	F2-Faston Tab 250
Container Material	ABS(UL 94-HB) & Flammability resistance of (UL 94-V0) can be available upon request.

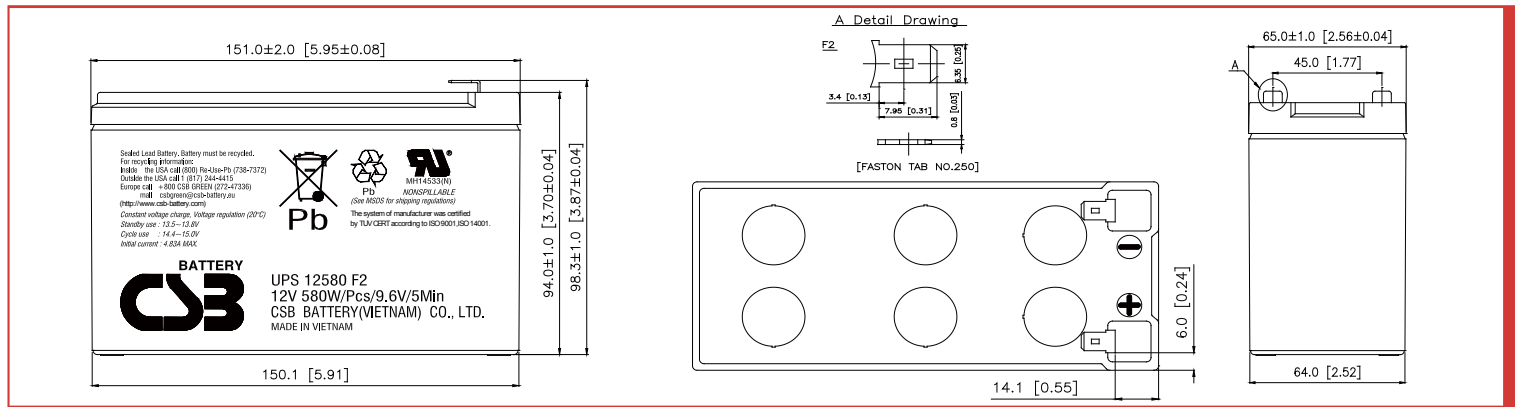


CSB-manufactured **VRLA** (Absorbent Glass Mat type) batteries are UL-recognized components under UL1989.

CSB is also certified by ISO 9001 and ISO 14001.

► Dimensions :

Overall Height (H)	Container height (h)	Length (L)	Width (W)	
Unit: mm (inch)	98.3±1.0(3.87±0.04)	94.0±1.0 (3.70±0.04)	151.0±2.0 (5.95±0.08)	65.0±1.0 (2.56±0.04)



Constant Current Discharge Characteristics Unit:A (25°C,77°F)

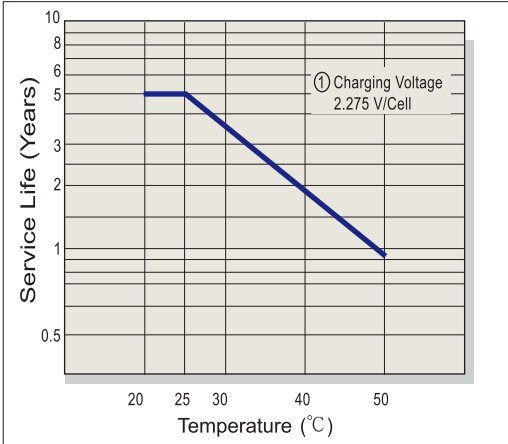
F.V/Time	2MIN	3MIN	4MIN	5MIN	6MIN	7MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	95.1	75.5	63.4	54.1	47.2	42.3	38.5	32.3	23.0	18.3	13.2	7.42	5.31
1.67V	85.3	71.0	60.2	51.7	45.6	41.2	37.6	31.7	22.7	18.1	13.0	7.33	5.20
1.70V	81.1	68.3	58.4	50.4	44.6	40.4	37.1	31.3	22.7	18.0	12.9	7.24	5.17
1.75V	73.6	62.6	53.7	47.2	42.2	38.5	35.6	30.1	22.1	17.5	12.7	7.11	5.03
1.80V	66.1	56.8	48.8	43.2	39.3	36.3	33.2	28.4	21.1	16.9	12.4	6.92	4.91
1.85V	59.4	49.7	43.5	39.3	36.3	32.9	30.3	26.1	19.6	15.8	11.7	6.61	4.70

Constant Power Discharge Characteristics Unit:W (25°C,77°F)

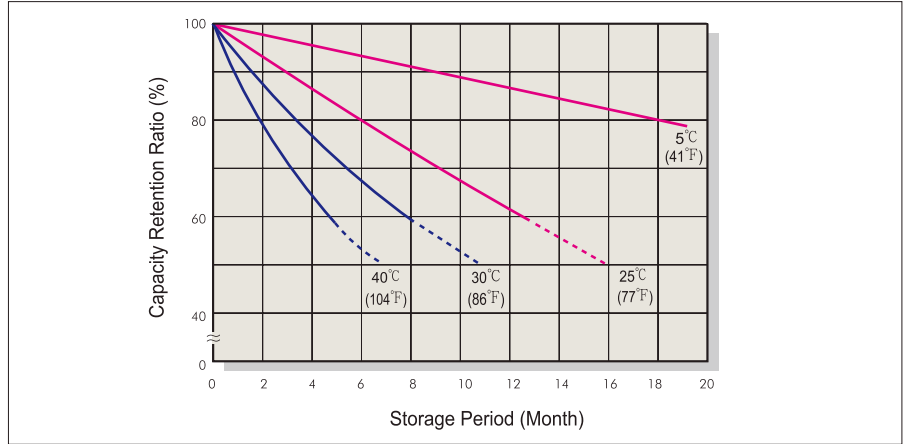
F.V/Time	2MIN	3MIN	4MIN	5MIN	6MIN	7MIN	8MIN	10MIN	15MIN	20MIN	30MIN	60MIN	90MIN
1.60V	908	774	663	580	516	469	427	361	261	208	150	84.2	59.3
1.67V	877	748	643	565	504	462	420	356	261	206	149	84.0	58.9
1.70V	859	730	630	556	499	453	414	353	258	206	149	83.6	58.8
1.75V	808	688	601	538	481	441	402	343	254	203	148	83.1	58.4
1.80V	750	640	568	505	458	419	383	329	245	197	145	81.7	57.6
1.85V	674	586	514	463	424	384	352	305	229	186	138	78.9	55.6

Ratings presented herein are subject to revision without notice. Please refer to www.csb-battery.com to confirm the latest version.

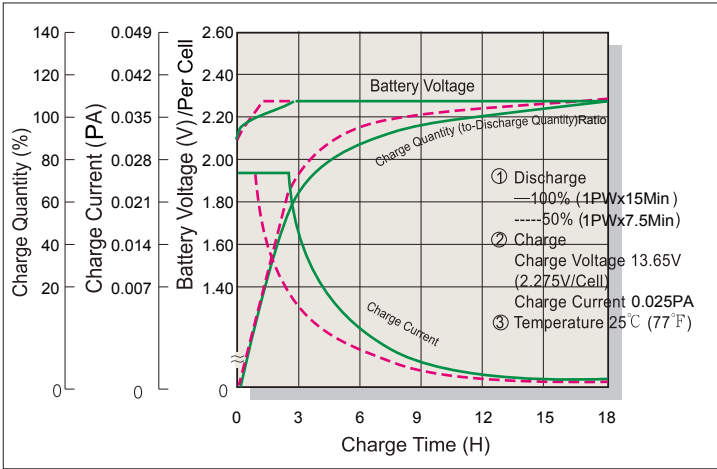
Trickle (or Float) Service Life



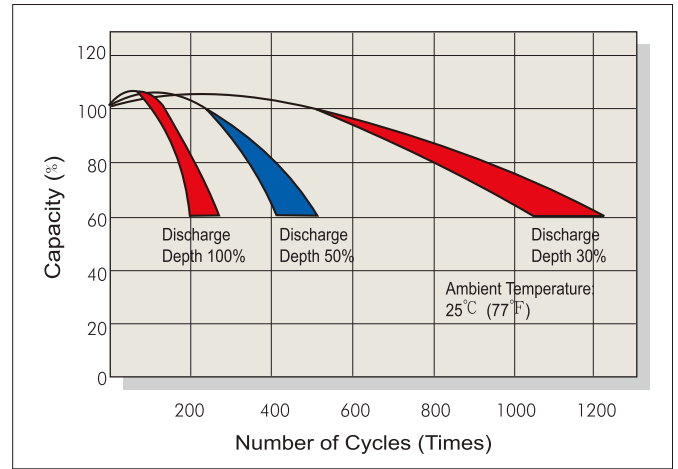
Capacity Retention Characteristic



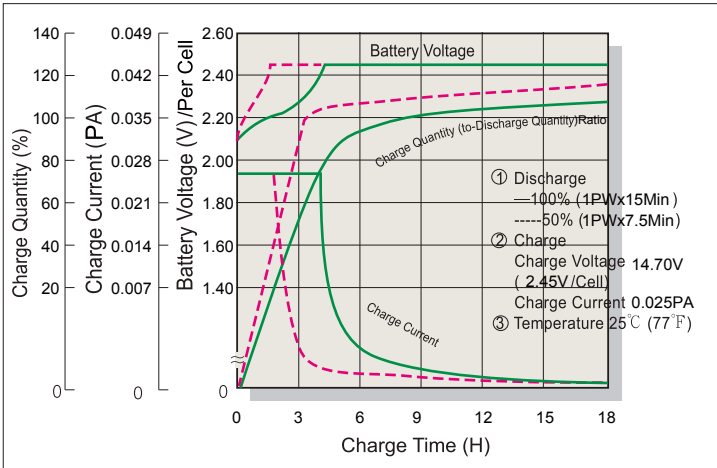
Battery Voltage and Charge Time for Standby Use



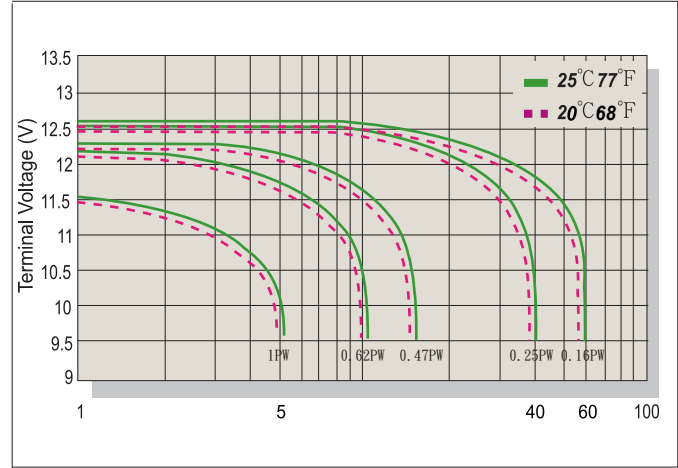
Cycle Service Life



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°C (77°F)	2.45	2.40~2.50	0.1PA
Standby	25°C (77°F)	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 Power(W)	0.1P>(W)	0.1P≤(W)<0.25P	0.25P≤(W)<1.0P	(W)≥1.0P

P: For single cell wattage at 15 minute rate to 1.67V per cell.

Sales Office URL: WWW.CSB-BATTERY.COM

CSB BATTERY CO., LTD.
TAIWAN OFFICE
Tel: +86-2-2880-5600
Fax: +86-2-2888-3300
E-mail: service@csb-battery.com

CSB BATTERY LOGISTICS (SHANGHAI) CO., LTD.
SHANGHAI OFFICE
Tel: +86-21-5046-1622, 5046-0833
Fax: +86-21-5064-1046
E-mail: chinasls@csb-battery.com

CSB BATTERY TECHNOLOGIES, INC.
USA OFFICE
Tel: +1-817-244-7777/1-8003 CSBUSA(272872)
Fax: +1-817-244-4445
E-mail: csb@csb-battery.com

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

CSB BATTERY OF NETHERLANDS B.V.
EUROPE OFFICE
Tel: +31(0)180 418 140
Fax: +31(0)180 418 327
E-mail: eurosales@csb-battery.eu

CSB BATTERY LOGISTICS (SHANGHAI) CO., LTD.
SHENZHEN OFFICE
Tel: +86-755-8831-6488/6396/16356
Fax: +86-755-8831-6548
E-mail: she@csb-battery.com

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9