AGM VRLA AKÜ SERİSİ · AGM VRLA BATTERY SERIES

SSP2-800

2V 800Ah · AGM VRLA · 410 × 175 × 350 mm

GENEL AMAÇLI VRLA AGM AKÜ / GENERAL PURPOSE VRLA AGM BATTERY



Ürün görseli / Product image

2V
GERİLİM
VOLTAGE

800Ah
KAPASİTE
CAPACITY

8800A
KISA DEVRE
SHORT CIRCUIT

≈ 0.4 mΩ
İÇ DİRENÇ
INT. RESISTANCE

47.3kg
AĞIRLIK
WEIGHT

15 yıl · yrs
TASARIM ÖMRÜ
DESIGN LIFE

U × G × Y / L × W × H **410 × 175 × 350 mm**

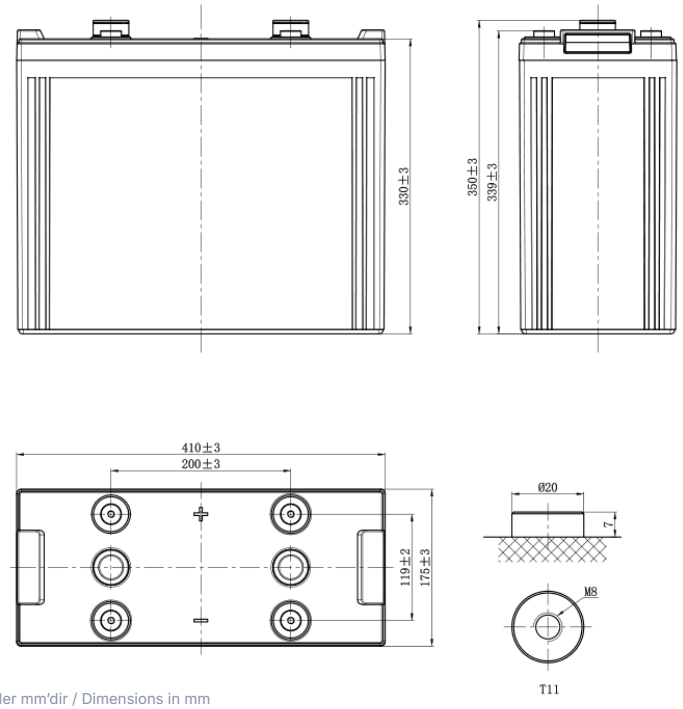
TEKNİK ÖZELLİKLER
CHARACTERISTICS · ELECTRICAL / MECHANICAL / OPERATING

Nominal gerilim Rated voltage		**2V**
Nominal kapasite (25°C) Nominal capacity (25°C)	C10,1.80V/cell	**800Ah**
Boyutlar Dimensions	Uzunluk Length	**410mm (16.1inches)**
	Genişlik Width	**175mm (6.89inches)**
	Kutu yüksekliği Container height	**330mm (13.0inches)**
	Toplam yükseklik Total height	**350mm (13.8inches)**
Yaklaşık ağırlık Approx. weight		**47.3kg (104.3lbs)**
Terminal		**T11(M8)**
Kutu malzemesi Container material		**ABS (UL94 HB; V-0 opsiyonel)** ABS (UL94 HB or V-0 optional)
Kısa devre akımı Short-circuit current		**8800A**
İç direnç (25°C) Internal resistance (25°C)		**Yaklaşık 0.4 mΩ (tam şarjlı)** Approx. 0.4 mΩ (fully charged)
Çalışma sıcaklığı aralığı Operating temp. range	Deşarj Discharge	**-15~50°C (5~122°F)**
	Şarj Charge	**-20~40°C (-4~104°F)**
	Depolama Storage	**-15~40°C (5~104°F)**

Nominal çalışma sıcaklığı Nominal operating temp. range		**25±3°C (77±5°F)**
Maks. şarj akımı (25°C) Max. charging current (25°C)		**0.3C**
Şarj gerilimi (25°C) Charge voltage (25°C)	Bekleme kullanımı Standby use	**Çevrimli kullanım** Cycle use
	2.25-2.30V/cell	**2.35-2.40V/cell**
Sıcaklık katsayısı Temp. coefficient	-3mV/cell/°C	**-5mV/cell/°C**
Sıcaklığın kapasiteye etkisi Effect of temperature on capacity	40°C (104°F)	**103%**
	25°C (77°F)	**100%**
	0°C (32°F)	**86%**
Kendiliğinden deşarj Self discharge	25°C (77°F)'de ayda ≤ %3. Aküler 25°C (77°F)'de 6 aya kadar depolanabilir, ardından tazeleme şarjı gerekir. Daha yüksek sıcaklıklarda bu süre kısalır. ≤3% per month at 25°C (77°F). Batteries may be stored up to 6 months at 25°C (77°F), then a freshening charge is required. At higher temperatures the interval is shorter.	

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01 TEKNİK ÇİZİM / TECHNICAL DRAWING (mm)



Ölçüler mm'dir / Dimensions in mm

Uzunluk Length	Genişlik Width	Kutu yüksekliği Container height	Toplam yükseklik Total height
410mm	175mm	330mm	350mm

TERMİNAL / TERMINAL
T11(M8)

02 DEŞARJ TABLOLARI / DISCHARGE TABLES (25°C)

Sabit akım deşarjı (A, 25°C) / Constant current discharge (A, 25°C)

Son ger. / F.V.	15 min	20 min	30 min	45 min	1 h	1.5 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.85 V	594.6	533.4	493.9	431.4	377.6	297.7	244.3	187.2	150.6	127.1	110.3	89.7	75.0	40.2
1.80 V	712.1	629.1	567.2	482.5	417.9	325.8	259.1	202.6	162.3	136.9	118.3	96.0	80.0	42.4
1.75 V	818.2	686.4	593.5	502.1	440.2	336.7	271.0	208.0	166.4	140.0	120.8	97.7	81.2	42.9
1.70 V	911.9	769.4	641.6	521.1	449.2	348.1	278.0	214.1	170.6	143.2	123.4	99.5	82.5	43.5
1.67 V	944.3	796.3	649.3	532.8	458.6	354.4	279.0	217.3	173.0	145.0	124.9	100.5	83.2	43.8
1.60 V	992.4	830.2	661.4	560.3	481.0	370.2	292.6	225.3	178.7	149.4	128.4	102.9	85.0	44.6

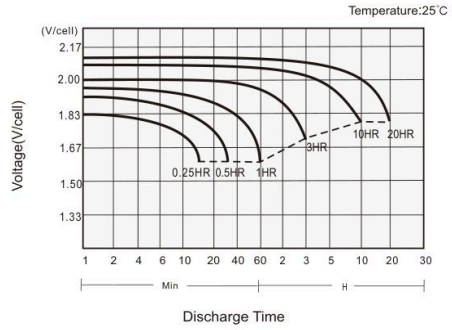
Sabit güç deşarjı (W/hücre, 25°C) / Constant power discharge (W/cell, 25°C)

Son ger. / F.V.	15 min	20 min	30 min	45 min	1 h	1.5 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.85 V	1068.0	979.7	907.0	836.5	734.0	580.6	476.1	367.1	296.0	250.2	217.5	177.2	148.4	79.9
1.80 V	1264.7	1143.8	1032.7	928.6	806.8	631.6	500.5	395.6	317.9	268.7	232.7	189.3	158.1	84.2
1.75 V	1437.0	1235.4	1071.2	958.9	830.7	648.9	520.0	404.4	324.6	273.9	236.9	192.4	160.3	85.2
1.70 V	1582.3	1370.2	1129.8	987.4	855.3	666.8	528.8	414.3	331.6	279.9	241.4	195.4	162.5	86.2
1.67 V	1604.3	1400.8	1149.7	1004.6	869.0	676.2	538.8	419.4	335.4	282.2	243.9	197.1	163.8	86.8
1.60 V	1677.6	1444.5	1160.9	1045.3	902.7	700.6	557.8	432.3	344.8	289.6	249.7	201.2	166.8	88.3

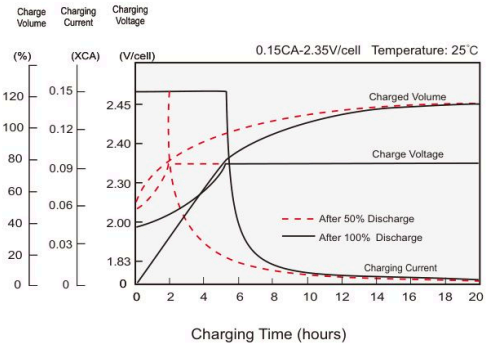
F.V. = son gerilim (V/hücre) / final voltage (V/cell) · min = dakika, h = saat / minutes, hours

03 PERFORMANS EĞRİLERİ / PERFORMANCE CURVES

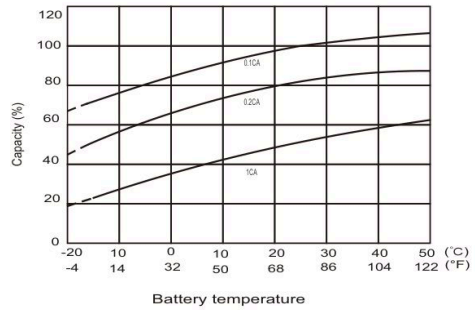
DEŞARJ KARAKTERİSTİKLERİ
DISCHARGE CHARACTERISTICS



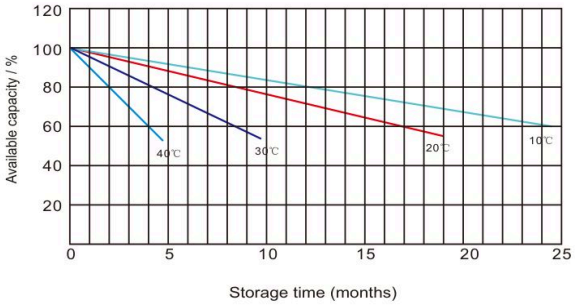
ŞARJ KARAKTERİSTİKLERİ
CHARGING CHARACTERISTICS



SICAKLIĞIN KAPASİTEYE ETKİSİ
EFFECT OF TEMPERATURE ON CAPACITY



KENDİ KENDİNE DEŞARJ KARAKTERİSTİKLERİ
SELF-DISCHARGE CHARACTERISTICS



04 UYGULAMALAR · ÖZELLİKLER · STANDARTLAR / APPLICATIONS · FEATURES · STANDARDS

UYGULAMALAR / APPLICATIONS

- **Telekomünikasyon merkez istasyonu (kablolu veya hücresel)**
  Telecommunication central station (wired or cellular)
- **Enerji sistemi haberleşmesi, askeri haberleşme vb.**
  Power system communication, military communication, etc.
- **Ağ haberleşmesi: veri iletimi, televizyon sinyali iletimi vb.**
  Network communication: data transmission, television signal transmission, etc.
- **Kesintisiz güç kaynağı (telekom UPS)**
  Uninterruptible power system (UPS for telecom)

GENEL ÖZELLİKLER / GENERAL FEATURES

- **15 yıl tasarım ömrü (25°C)**
  15 years design life (25°C)
- **Kurşun-kalsiyum alaşım, kapalı tasarım, su ilavesi gerektirmez**
  Lead calcium alloy, sealed design, no watering required
- **Delinmeye dayanıklı mikro gözenekli cam elyaf separatörler ömrü uzatır**
  Puncture-resistant micro-porous glass mat separators extend life
- **Özel teknoloji; güç kapasitesini, hücre tutarlılığını ve uzun vadeli güvenilirliği optimize eder**
  Unique technology optimizes power capacity, cell consistency, and long-term reliability
- **Geniş bir uygulama yelpazesi için tasarlanmıştır**
  Designed for a wide range of applications

STANDARTLAR / STANDARDS

- **IEC 60896 standartlarına ve AB Pil/Akü Direktifine uygun**
  Compliance with IEC 60896 standards, EU Battery Directive
- **UL, CE onaylı**
  UL, CE approved

05 AGM VRLA TEKNOLOJİSİ / AGM VRLA TECHNOLOGY

AGM (Absorbent Glass Mat) aküde elektrolit, plakalar arasına sıkıştırılmış cam elyaf separatörlere tamamen emdirilmiştir; serbest sıvı asit bulunmaz. Valf regülasyonlu (VRLA) kapalı yapı sızdırmaz ve bakım gerektirmez.

In an AGM (Absorbent Glass Mat) battery the electrolyte is fully absorbed in glass-fibre separators compressed between the plates, so there is no free liquid acid. The sealed valve-regulated (VRLA) design is spill-proof and maintenance-free.

Yukarıdaki veriler tavsiye niteliğindedir; ürün görseli temsilidir. Teknik özellikler önceden haber verilmeksizin değiştirilebilir. Data above are recommended values; the product image is representative. Specifications are subject to change without prior notice. © STAY STRONG – SELÇUK ALEMDAR ENERJİ İTH. İHR. SAN. VE TİC. A.Ş.