JEL VRLA AKÜ SERİSİ · GEL VRLA BATTERY SERIES

SSPGS2-800

2V 800Ah · GEL VRLA · 410 × 175 × 340 mm

HİBRİT JEL AKÜ / HYBRID GEL BATTERY





Ürün görseli / Product image

2V
GERİLİM
VOLTAGE

800Ah
KAPASİTE
CAPACITY

8800A
KISA DEVRE
SHORT CIRCUIT

≈ 0.4 mΩ
İÇ DİRENÇ
INT. RESISTANCE

50.4kg
AĞIRLIK
WEIGHT

16 yıl · yrs
TASARIM ÖMRÜ
DESIGN LIFE

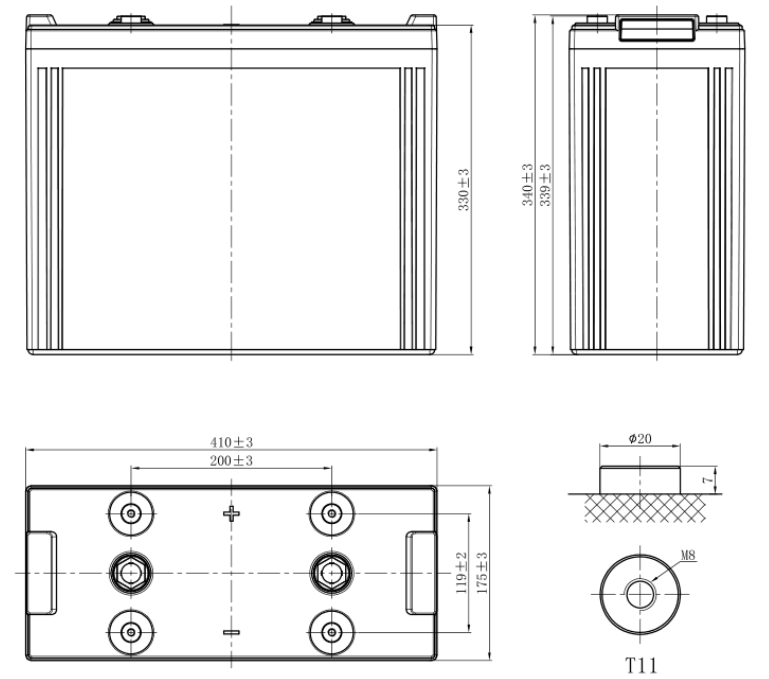
U × G × Y / L × W × H — **410 × 175 × 340 mm**

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	**340mm (13.4inches)**
Yaklaşık ağırlık Approx. weight		**50.4kg (111.1lbs)**
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	**-20~55°C (-4~131°F)**
	Şarj Charge	**-20~40°C (-4~104°F)**
	Depolama Storage	**-20~50°C (-4~122°F)**

Nominal çalışma sıcaklığı Nominal operating temp. range		**25±3°C (77±5°F)**
Maks. şarj akımı (25°C) Max. charging current (25°C)		**0.25C**
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 can be stored up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	

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	340mm

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	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.85 V	600.5	542.9	504.0	440.2	385.3	246.1	187.2	150.6	127.1	110.3	89.7	75.0	40.2
1.80 V	745.4	660.4	578.8	492.3	426.4	267.8	202.6	162.3	136.9	118.3	96.0	80.0	42.4
1.75 V	822.1	696.2	605.6	512.3	442.2	276.0	208.0	166.4	140.0	120.8	97.7	81.2	42.9
1.70 V	914.9	779.3	644.7	531.7	458.4	284.8	214.1	170.6	143.2	123.4	99.5	82.5	43.5
1.67 V	947.0	806.3	662.6	543.7	468.0	289.6	217.3	173.0	145.0	124.9	100.5	83.2	43.8
1.60 V	994.7	840.2	674.9	571.7	490.8	301.6	225.3	178.7	149.4	128.4	102.9	85.0	44.6

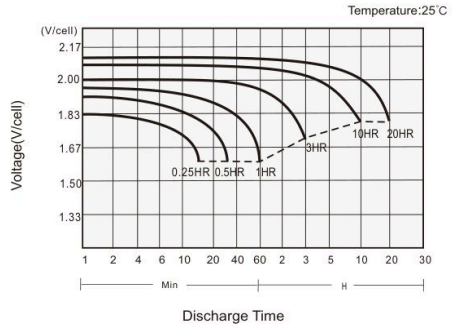
Sabit güç deşarjı (W/hücre, 25°C) / Constant power discharge (W/cell, 25°C)

Son ger. / F.V.	15 min	20 min	30 min	45 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.85 V	1105.7	1004.1	925.5	853.6	749.0	481.0	367.1	296.0	250.2	217.5	177.2	148.4	79.9
1.80 V	1358.0	1209.6	1053.8	947.5	823.3	520.7	395.6	317.9	268.7	232.7	189.3	158.1	84.2
1.75 V	1481.9	1262.7	1093.1	978.5	847.7	533.7	404.4	324.6	273.9	236.9	192.4	160.3	85.2
1.70 V	1630.3	1399.2	1152.9	1007.6	872.8	547.9	414.3	331.6	279.3	241.4	195.4	162.5	86.2
1.67 V	1676.4	1438.5	1173.2	1025.1	886.7	555.1	419.4	335.4	282.2	243.9	197.1	163.8	86.8
1.60 V	1729.6	1475.1	1184.6	1066.6	921.1	574.0	432.3	344.8	289.6	249.7	201.2	166.8	88.3

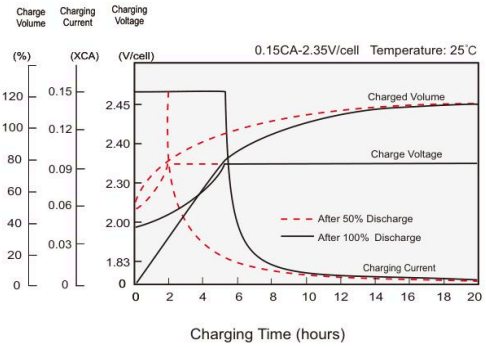
F.V. = son gerilim (V/hücre) / final voltage (V/cell) · min = dakika, h = saat / minutes, hours

03 PERFORMANS EĞRİLERİ / PERFORMANCE CURVES

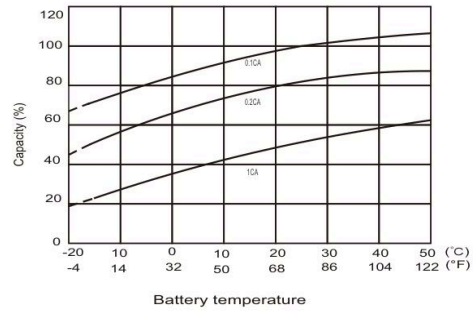
DEŞARJ KARAKTERİSTİKLERİ
DISCHARGE CHARACTERISTICS



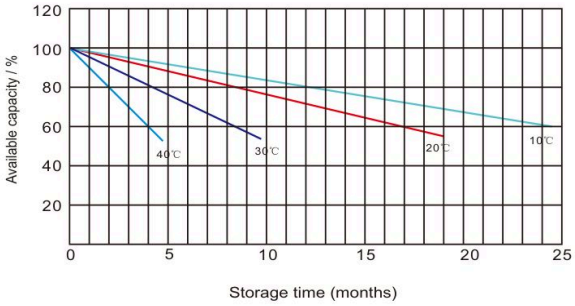
ŞARJ KARAKTERİSTİKLERİ
CHARGING CHARACTERISTICS



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**
  Telecommunications
- **Kesintisiz güç kaynağı (UPS)**
  Uninterruptible power system
- **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.

GENEL ÖZELLİKLER / GENERAL FEATURES

- **16 yıl tasarım ömrü (25°C)**
  16 years design life (25°C)
- **Kanıtlanmış AGM-JEL teknolojisi**
  Proven AGM-GEL technology
- **Derin deşarjdan mükemmel toparlanma ve çevrim kabiliyeti**
  Excellent deep discharge recovery and cyclability
- **Çok az bakım: su ilavesi gerekmez**
  Very low maintenance: no water addition
- **Düşük kendiliğinden deşarj oranı**
  Low self-discharge rate

STANDARTLAR / STANDARDS

- **IEC 60896 sertifikalı**
  IEC60896 Certified
- **Eurobat'a göre "Çok Uzun Ömürlü" sınıfındadır**
  Classified as "Very Long Life" according to Eurobat
- **UL, CE onaylı**
  UL, CE approved

05 JEL VRLA TEKNOLOJİSİ / GEL VRLA TECHNOLOGY

Jel teknolojisinde elektrolit, silika ile jel hâline getirilerek plakalar arasında sabitlenir. Valf regülasyonlu (VRLA) kapalı yapı sızdırmaz ve bakım gerektirmez; derin deşarj ve çevrimli kullanımda yüksek dayanım sağlar.

In gel technology the electrolyte is immobilised as a silica gel between the plates. The sealed valve-regulated (VRLA) design is spill-proof and maintenance-free and gives high resistance to deep discharge and cycling.

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.