

apex 12V 150Ah JEL AKÜ

GENEL ÖZELLİKLERİ

- 20% Döngü Ömrü**
Yüksek Sıcaklıkta çalışma
- 10% Düşük Sıcaklık Kapasitesi**
Nano Jel Elektrolit
- 20% Şarj Depolanma**
Özel Negatif Katkı Maddesi
- 50% Grid Korozyonu**
Nadir Toprak Patentli Alaşım



UYGULAMA ALANLARI



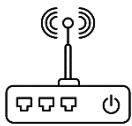
Haberleşme ve Telekomünikasyon



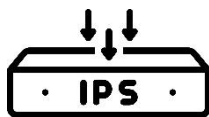
Alarm&Güvenlik Sistemleri



Rüzgar ve Solar Enerji



Sinyalizasyon



IPS



UPS



Veri Merkezi



Endüstriyel Uygulamalar

FİZİKSEL ÖZELLİKLER

Model	Boyutları (mm/inch)				Ağırlık	Terminal	Konteyner
APEX12-150	Uzunluk	Genişlik	Yükseklik	Total Yükseklik	45.0/99.2	I7	ABS UL94-HB (Opsiyonel: FR ABS UL94-V0)
	480/18.9	170/6.69	240/9.45	240/9.45			

ÜRÜN ÖZELLİKLER

Nominal Voltaj	Nominal Kapasite	İçsel Direnç	Maks. Deşarj Akımı	Çalışma Sıcaklığı Aralığı
12V	159Ah 20sa (1.80V/Hücre)	4.3mΩ@ 25°C/77°F	1050A (5sn)	Deşarj: -15~50°C (5~122°F)
	150Ah 10sa (1.80V/Hücre)			Şarj: 0~40°C (32~110°F)
	131Ah 5sa (1.75V/Hücre)			Depolama: -15~40°C (5~104°F)
	118Ah 3sa (1.70V/Hücre)			Optimum: 25±2°C (±4°F)

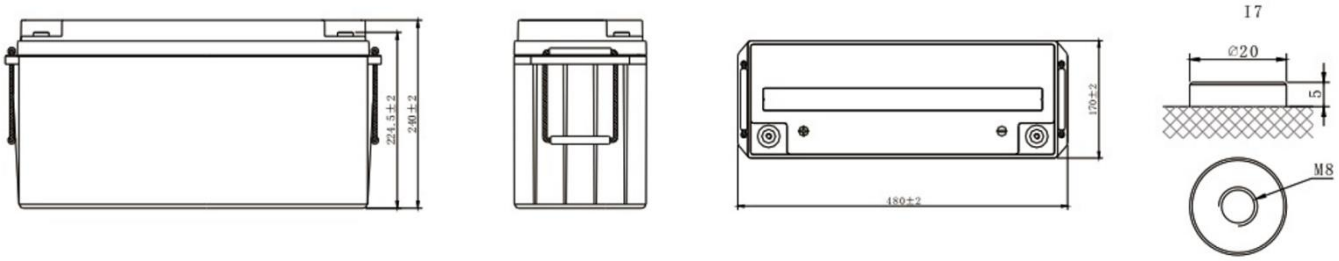
SABİT DEŞARJ AKIM (A) @25°C/77°F

F.V/Zaman	5dk	10dk	15dk	20dk	30dk	45dk	1sa	2sa	3sa	4sa	6sa	10sa	20sa
1.85V/Hücre	273	215	165	138	106	81.6	67.2	43.3	33.3	27.3	20.9	14.6	7.82
1.80V/Hücre	303	238	187	158	121	90.9	74.7	46.2	35.5	28.9	21.8	15.0	7.95
1.75V/Hücre	326	261	205	174	132	98.1	80.2	50.1	37.9	30.7	22.7	15.3	8.12
1.70V/Hücre	343	279	219	186	140	103	84.1	52.0	39.2	31.7	23.3	15.7	8.29
1.67V/Hücre	371	294	232	196	148	108	87.4	54.0	40.0	32.3	23.8	15.9	8.43
1.60V/Hücre	409	316	252	215	156	144	92.5	55.6	41.8	33.6	24.5	16.3	8.59

SABİT DEŞARJ GÜÇ (W/Hücre) @25°C/77°F

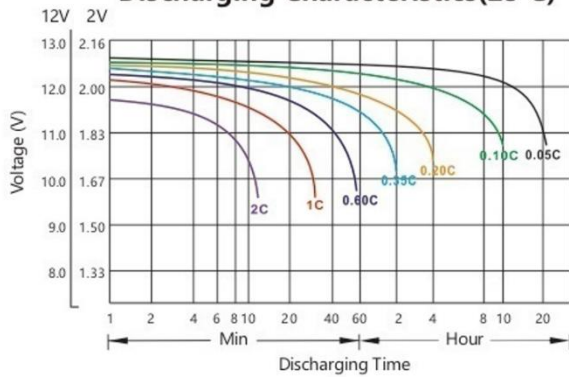
F.V/Zaman	5dk	10dk	15dk	20dk	30dk	45dk	1sa	2sa	3sa	4sa	6sa	10sa	20sa
1.85V/Hücre	508	408	317	268	208	162	134	87.0	67.3	55.5	42.7	30.1	16.1
1.80V/Hücre	563	450	358	305	237	180	148	92.6	58.5	58.5	44.5	30.7	16.3
1.75V/Hücre	606	492	391	335	258	194	159	100	76.0	62.1	46.2	31.3	16.6
1.70V/Hücre	636	524	416	357	273	204	166	104	78.6	63.7	47.2	31.9	16.9
1.67V/Hücre	684	549	439	376	289	211	172	107	79.9	64.9	48.1	32.3	17.1
1.60V/Hücre	752	587	474	410	303	224	182	110	83.2	67.2	49.4	32.9	17.4

BATARYA BOYUTLARI (mm)

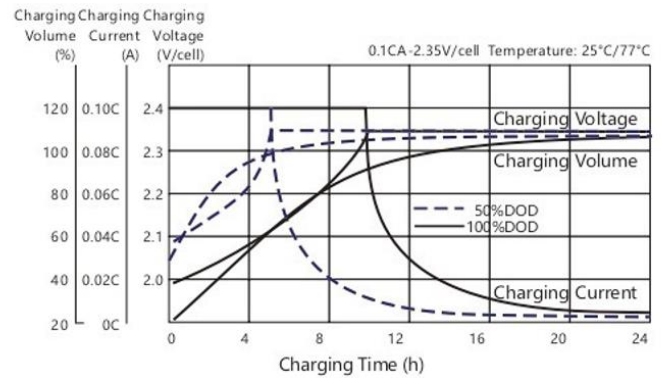


ELEKTRİKSEL KARAKTERİSTİĞİ

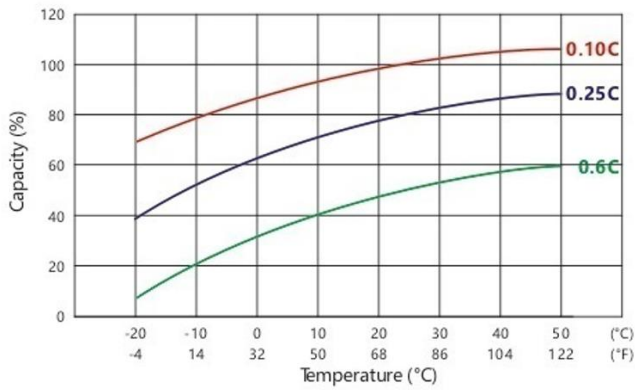
Discharging Characteristics(25°C)



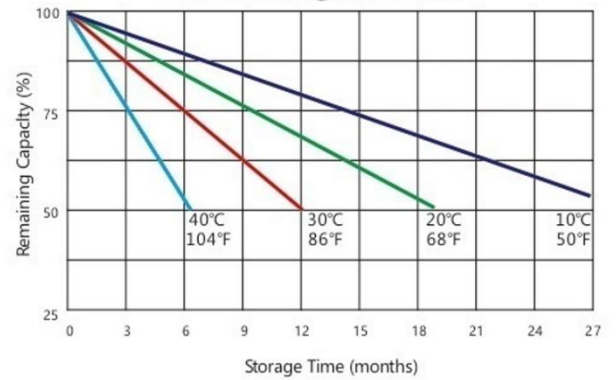
Charging Characteristics(25°C)



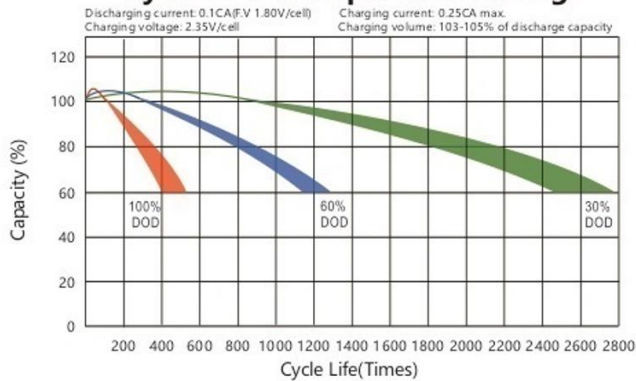
Capacity vs Temperature



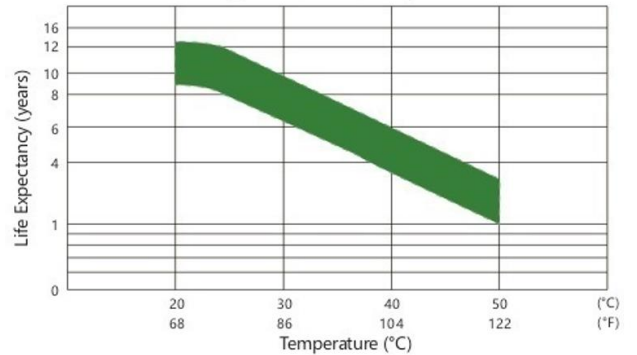
Self-discharge vs Time



Cycle Life vs Depth of Discharge



Floating Life vs Temperature



KULLANIM VE BAKIM

Şarj Akımı	Equalization Şarj	Float Şarj
Sınırlı Akım: $\leq 0.25C10A$	Sabit Voltaj: 14.1~14.4 25°C(77°F) Sıcaklık katsayısı: -24mV/°C	Sabit Voltaj: 13.5~13.8V 25°C(77°F) Sıcaklık katsayısı: -18mV/°C



MERKEZ

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