

## apex 12V 100Ah 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



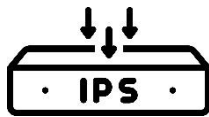
Alarm&Güvenlik Sistemleri



Rüzgar ve Solar Enerji



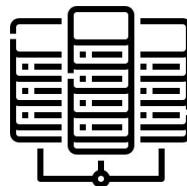
Sinyalizasyon



IPS



UPS



Veri Merkezi



Endüstriyel Uygulamalar

## FİZİKSEL ÖZELLİKLER

Model	Boyutları (mm/inch)				Ağırlık	Terminal	Konteyner
APEX12-100	Uzunluk	Genişlik	Yükseklik	Total Yükseklik	30.6/67.5	17	ABS UL94-HB (Opsiyonel: FR ABS UL94-V0)
	330/13.0	172/6.77	214/8.43	221.5/8.72			

## ÜRÜN ÖZELLİKLER

Nominal Voltaj	Nominal Kapasite	İçsel Direnç	Maks. Deşarj Akımı	Çalışma Sıcaklığı Aralığı
12V	106Ah 20sa (1.80V/Hücre)	4.3mΩ@ 25°C/77°F	700A (5sn)	Deşarj: -15~50°C (5~122°F) Şarj: 0~40°C (32~110°F) Depolama: -15~40°C (5~104°F) Optimum: 25±2°C (±4°F)
	100Ah 10sa (1.80V/Hücre)			
	87Ah 5sa (1.75V/Hücre)			
	79Ah 3sa (1.70V/Hücre)			

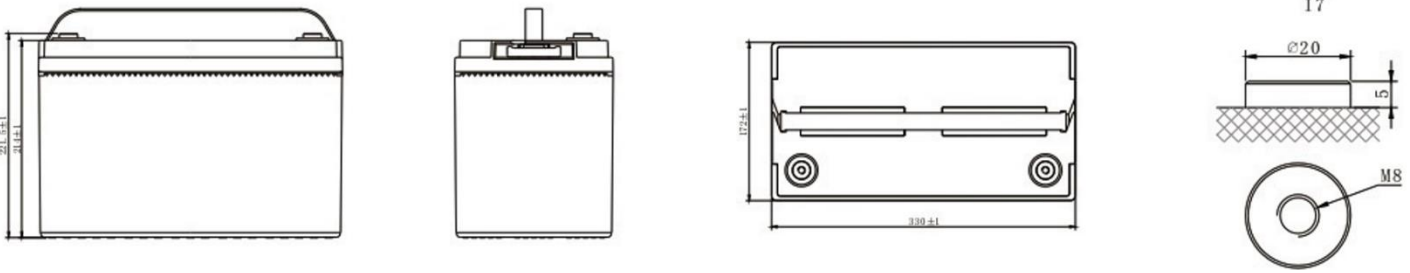
## SABİT DEŞARJ AKIM (A) @25°C/77°F

F.V/Zaman	5dk	10dk	15dk	20dk	30dk	45dk	1sa	2sa	3sa	4sa	6sa	10sa	20sa
1.85V/Hücre	182	144	110	92.2	70.5	54.4	44.8	28.9	22.2	18.2	13.9	9.76	5.21
1.80V/Hücre	202	159	125	105	80.5	60.6	49.8	30.8	23.7	19.3	14.6	10.0	5.30
1.75V/Hücre	218	174	137	116	87.9	65.4	53.5	33.4	25.2	20.5	15.1	10.2	5.41
1.70V/Hücre	229	186	156	124	93.4	68.9	56.0	34.7	26.2	21.1	15.5	10.4	5.53
1.67V/Hücre	247	196	155	131	98.9	71.4	58.3	36.0	26.7	21.6	15.9	10.6	5.62
1.60V/Hücre	273	210	168	143	143	76.3	61.7	37.1	27.9	22.4	16.3	10.9	5.73

## SABİT DEŞARJ GÜÇ (W/Hücre) @25°C/77°F

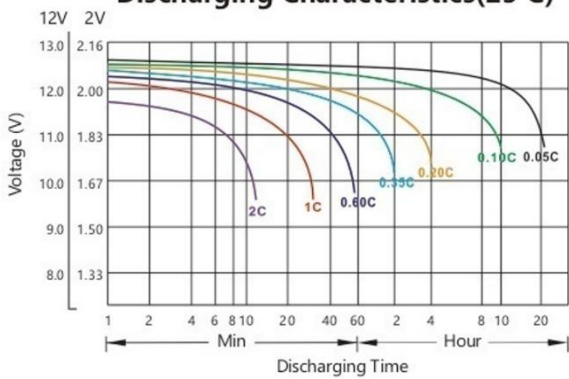
F.V/Zaman	5dk	10dk	15dk	20dk	30dk	45dk	1sa	2sa	3sa	4sa	6sa	10sa	20sa
1.85V/Hücre	339	272	211	179	139	108	89.2	58.0	44.9	37.0	28.5	20.0	10.7
1.80V/Hücre	375	300	239	203	158	120	98.9	61.7	47.7	39.0	29.7	20.5	10.9
1.75V/Hücre	404	328	261	223	172	129	106	66.6	50.7	41.4	30.8	20.9	11.1
1.70V/Hücre	424	349	278	238	182	136	111	69.1	52.4	42.5	31.5	21.2	11.3
1.67V/Hücre	456	366	293	251	192	141	115	71.5	53.2	43.2	32.1	21.5	11.4
1.60V/Hücre	501	391	316	273	202	149	121	73.4	55.5	44.8	32.9	21.9	11.6

## BATARYA BOYUTLARI (mm)

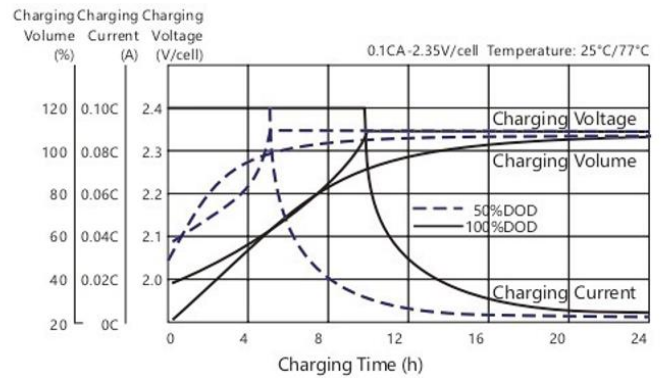


## ELEKTRİKSEL KARAKTERİSTİĞİ

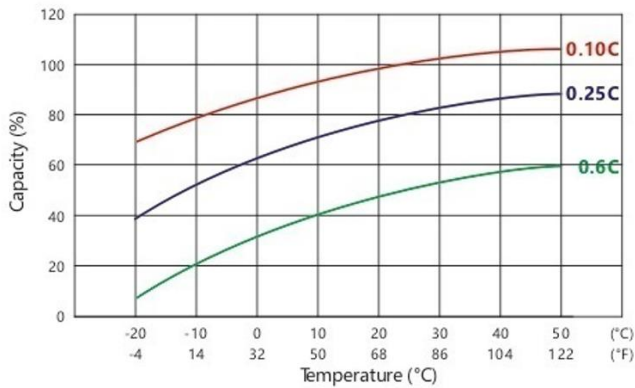
### Discharging Characteristics(25°C)



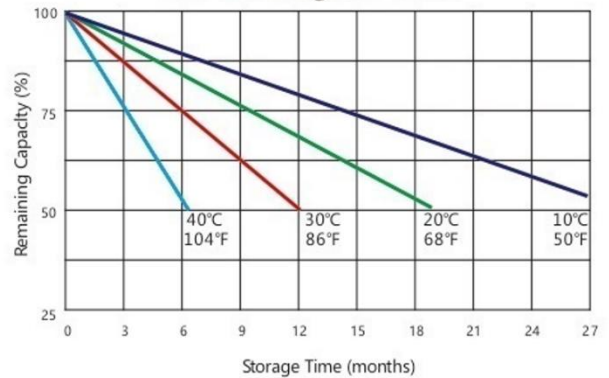
### Charging Characteristics(25°C)



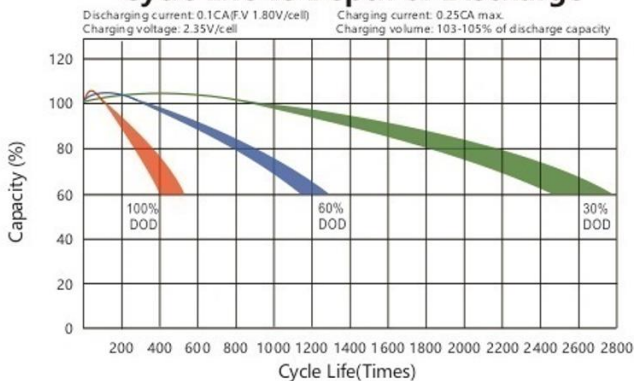
### Capacity vs Temperature



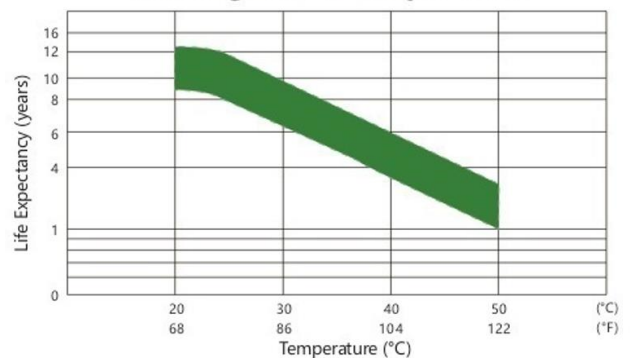
### Self-discharge vs Time



### 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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