

BATTERIA SIGILLATA GEL DEEP-CYCLE (USO CICLICO)  
DEEP-CYCLE GEL MAINTENANCE FREE BATTERY

# ZGEL060125

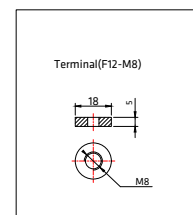
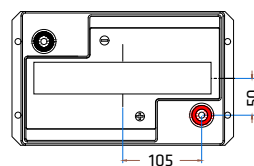
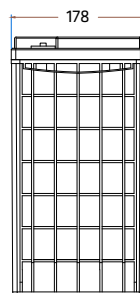
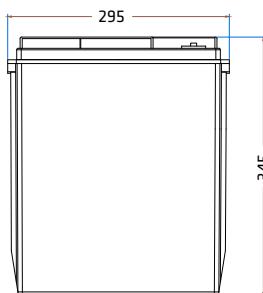


## CHARACTERISTIC / CARATTERISTICHE

Volt	6V	
Capacity / Capacità	20h	290Ah
	5h	250Ah
	3h	210Ah
	2h	200Ah
Charge temperature / Temperatura di carica	-10°C / +50°C	
Discharge temperature / Temperatura di scarica	-40°C / 50°C	
Capacity affected by Temperature / Effetti della temperatura sulla capacità	40°C	106%
	25°C	100%
	0°C	80%
Expected Life Cycles affected by temperature / Effetti della temperatura sui cicli di vita attesi	40°C	60%
	20°C	100%
	0°C	120%
Self-Discharge 25°C Capacity / Autoscarica a 25°C	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge cycle / Ciclo di carica	IU + h	"In" max. 42Amp; "V1" 2.40V/cell
	IUIa	"In" max. 42Amp; "V1" 7.1Volt; "If" 2Amp.

## CHARACTERISTIC / CARATTERISTICHE

Battery dimensions / Dimensioni batteria		
L/L	W/P	MAX - H/A
295	178	345
Box Dimensions / Dimensioni scatola		
L/L	W/P	H/A
-	-	-
USA Group	305	
Weight / Peso	46,1 Kg	
Terminal / Terminali	M8	
Case / Contenitore	ABS	
Pallet Qt	22	



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[www.unionbatteryservice.it](http://www.unionbatteryservice.it)

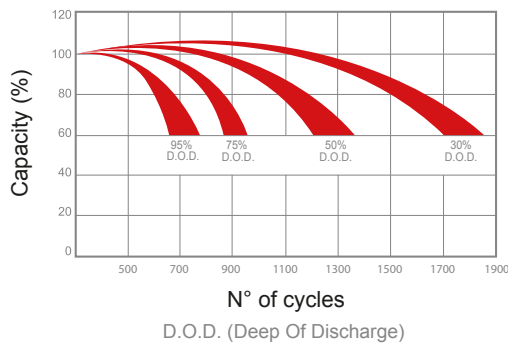
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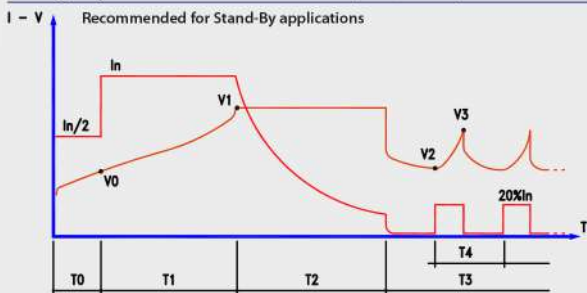
# Zenith



Charge cycles (20°C, discharge 5h)



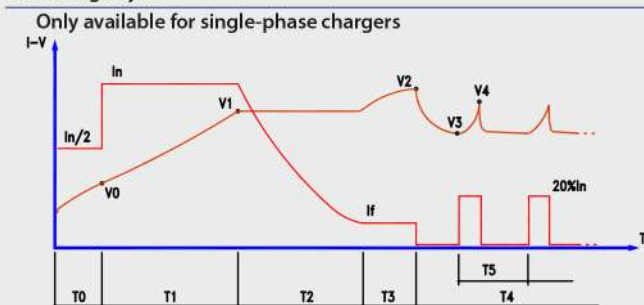
### Charge cycle for sealed batteries (GEL/AGM): IU + holding



- $I_n$  = PROGRAMMED CAPACITY/10
- $V_0$  = 1,90 V/CELL
- $V_1$  = PROGRAMMED VALUE
- $V_2$  = 2.10 V/CELL
- $V_3$  = 2.30 V/CELL
- $T_0$  = MAX. 1 HR
- $T_1$  = MAX. 12 HRS
- $T_2$  =  $T_1$  (MIN. 2-MAX. 5 HRS)
- $T_3$  = UNLIMITED

"IUIa" charge cycle is always recommended in case of more than 2 batteries in series  
Ciclo di carica "IUIa" è sempre necessario qualora ci siano più di 2 batterie collegate in serie.

### IUIa charge cycle



- $I_n$  = PROGRAMMED VALUE (CHARGE I)
- $I_f$  = PROGRAMMED VALUE (FINAL I)
- $V_0$  = 1,90 V/CELL
- $V_1$  = PROGRAMMED VALUE (THRESHOLD V)
- $V_2$  = PROGRAMMED VALUE (LOCK V)
- $V_3$  = 2.10 V/CELL
- $V_4$  = 2.30 V/CELL
- $T_0$  = MAX. 1 HR
- $T_1$  = MAX. 12 HRS
- $T_2$  = MAX.  $T_1+6$  HRS OR  $I = I_f$
- $T_3$  = MAX. 4 HRS
- $T_4$  = UNLIMITED
- $T_5$  = MAX. 6 HRS

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