

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

# ZL060130



### CHARACTERISTIC / CARATTERISTICHE

Volt	6V	
Capacity / Capacità	20h	410Ah
	5h	320Ah
Internal Resistance	Full Charged Battery 25°C ≤1.6mΩ	
Capacity affected by Temperature / Effetti delle temperature sulla capacità	40°C	102%
	25°C	100%
	0°C	85%
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. 76Amp; "V1" 2.43V/cell
	IUIa	"In" max. 76Amp; "V1" 7.2Volt; "If" 3Amp.

### CHARACTERISTIC / CARATTERISTICHE

Battery dimensions / Dimensioni batteria			
L/L	W/P	H/A	Tot - H/A
295	180	405	425
Box Dimensions / Dimensioni scatola			
L/L	W/P	H/A	
410	194	474	
USA Type		L16	
Weight / Peso		55 Kg	
Terminal / Terminali		DT	
Case / Contenitore		ABS	

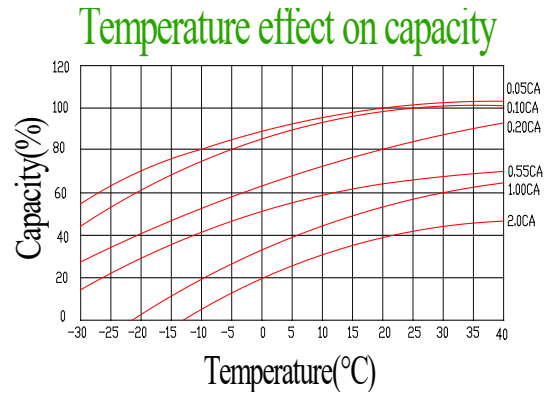
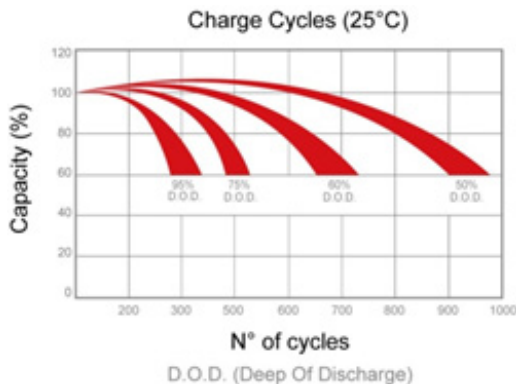
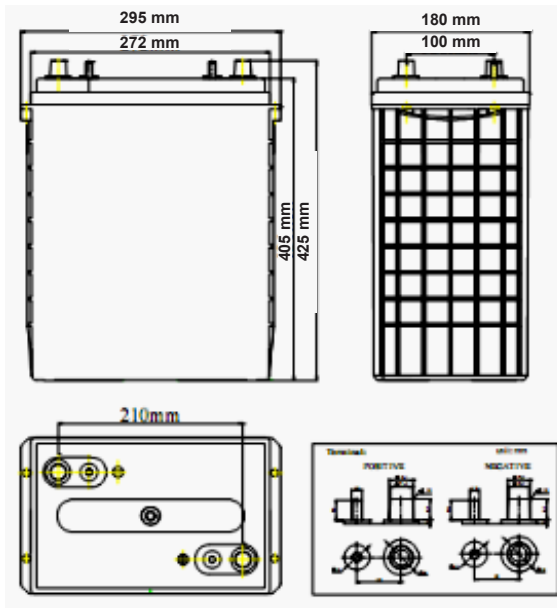
### Amp. (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	902.9	575.6	489.1	312.2	229.5	210.7	133.9	94.1	64.0	42.1	37.6	20.9
1.65V	886.5	565.1	480.2	306.6	225.3	206.8	131.5	92.3	62.8	41.4	36.9	20.5
1.70V	870.0	554.7	471.3	300.9	221.1	203.0	129.1	90.6	61.6	40.6	36.3	20.1
1.75V	853.6	544.2	462.4	295.2	217.0	199.2	126.6	88.9	60.5	39.8	35.6	19.8
1.80V	820.8	523.3	444.6	283.9	208.6	191.5	121.8	85.5	58.1	38.3	34.2	19.0

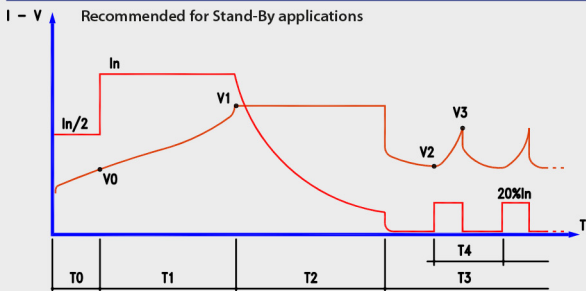
### Watts (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	902.9	575.6	489.1	312.2	229.5	210.7	133.9	94.1	64.0	42.1	37.6	20.9
1.65V	886.5	565.1	480.2	306.6	225.3	206.8	131.5	92.3	62.8	41.4	36.9	20.5
1.70V	870.0	554.7	471.3	300.9	221.1	203.0	129.1	90.6	61.6	40.6	36.3	20.1
1.75V	853.6	544.2	462.4	295.2	217.0	199.2	126.6	88.9	60.5	39.8	35.6	19.8
1.80V	820.8	523.3	444.6	283.9	208.6	191.5	121.8	85.5	58.1	38.3	34.2	19.0

# ZL060130



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

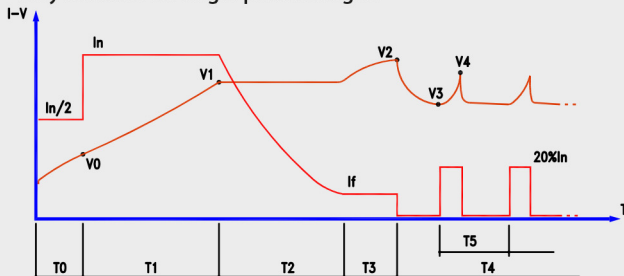


- $I_n$  = PROGRAMMED CAPACITY/10
- $V_0$  = 1,90 V/CELL
- $V_1$  = PROGRAMMED VALUE
- $V_2$  = 2.10 V/CELL
- $V_3$  = 2.30 V/CELL
- $T_0$  = MAX. 1 HR
- $T_1$  = MAX. 12 HRS
- $T_2$  =  $T_1$  (MIN. 2-MAX. 5 HRS)
- $T_3$  = UNLIMITED

“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**

Only available for single-phase chargers



- $I_n$  = 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