

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

ZL120175



CHARACTERISTIC / CARATTERISTICHE

Volt	12V	
Capacity / Capacità	20h	85Ah
	5h	75Ah
Internal Resistance	Full Charged Battery 25°C ≤5.5mΩ	
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. 17Amp; "V1" 2.43V/cell
	IUIa	"In" max. 17Amp; "V1" 14.4Volt; "If" 1Amp.

CHARACTERISTIC / CARATTERISTICHE

Battery dimensions / Dimensioni batteria			
L/L	W/P	H/A	Tot - H/A
260	169	215	219
Box Dimensions / Dimensioni scatola			
L/L	W/P	H/A	
275	182	272	
USA Type	24		
Weight / Peso	26 Kg		
Terminal / Terminali	M6		
Case / Contenitore	ABS		

Amp. (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	202.0	128.7	109.4	69.8	51.3	47.1	30.0	21.0	14.3	9.4	8.4	4.67
1.65V	198.3	126.4	107.4	68.6	50.4	46.3	29.4	20.7	14.0	9.3	8.3	4.59
1.70V	194.6	124.1	105.4	67.3	49.5	45.4	28.9	20.3	13.8	9.1	8.1	4.5
1.75V	190.9	121.7	103.4	66.0	48.5	44.6	28.3	19.9	13.5	8.9	8.0	4.42
1.80V	183.6	117.0	99.5	63.5	46.7	42.8	27.2	19.1	13.0	8.6	7.7	4.25

Watts (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	388.8	247.8	210.6	134.5	98.8	90.7	57.7	40.5	27.5	18.1	16.2	9.0
1.65V	381.7	243.3	206.8	132.0	97.0	89.1	56.6	39.8	27.0	17.8	15.9	8.8
1.70V	374.6	238.8	202.9	129.6	95.2	87.4	55.6	39.0	26.5	17.5	15.6	8.7
1.75V	367.6	234.3	199.1	127.1	93.4	85.8	54.5	38.3	26.0	17.2	15.3	8.5
1.80V	353.4	225.3	191.4	122.2	89.8	82.5	52.4	36.8	25.0	16.5	14.7	8.2

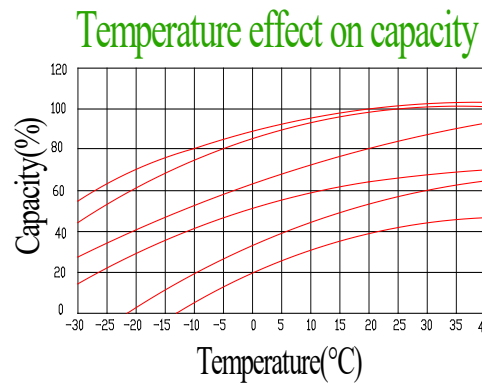
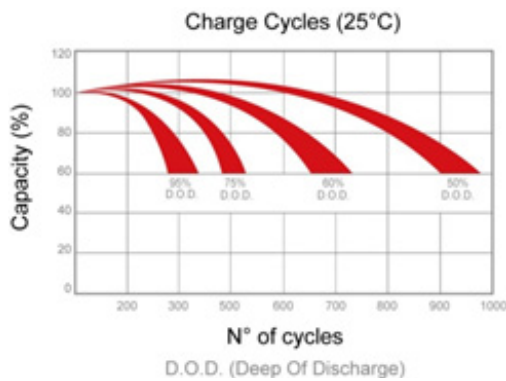
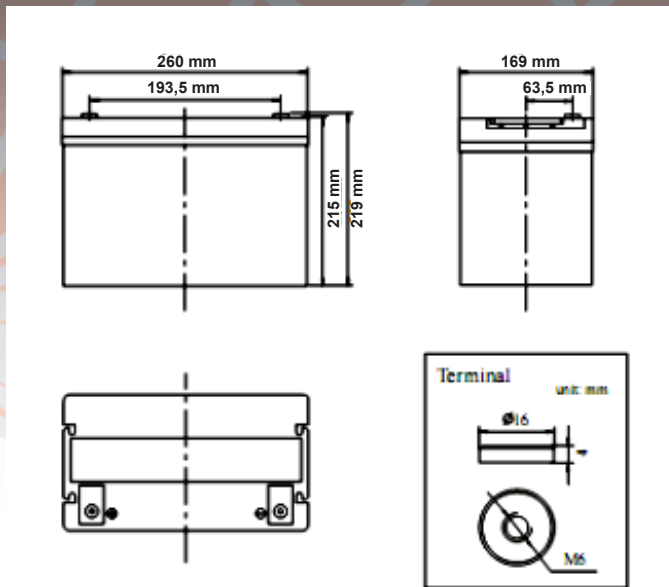
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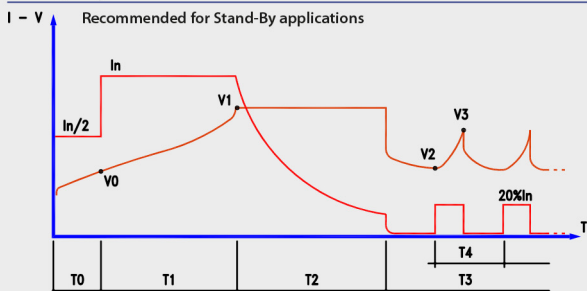


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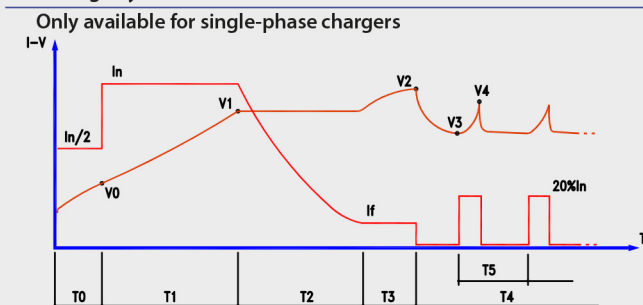
Charge cycle for sealed batteries (GEL/AGM): IU + holding



- 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