

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

ZL120155



CHARACTERISTIC / CARATTERISTICHE

Volt	12V	
Capacity / Capacità	20h	55Ah
	5h	47Ah
Internal Resistance	Full Charged Battery 25°C ≤10mΩ	
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. 12Amp; "V1" 2.43V/cell
	IUIa	"In" max. 12Amp; "V1" 14.4Volt; "If" 0.5Amp.

CHARACTERISTIC / CARATTERISTICHE

Battery dimensions / Dimensioni batteria			
L/L	W/P	H/A	Tot - H/A
230	138	210	215
Box Dimensions / Dimensioni scatola			
L/L	W/P	H/A	
244	152	254	
Weight / Peso		18,3 Kg	
Terminal / Terminali		M6	
Case / Contenitore		ABS	

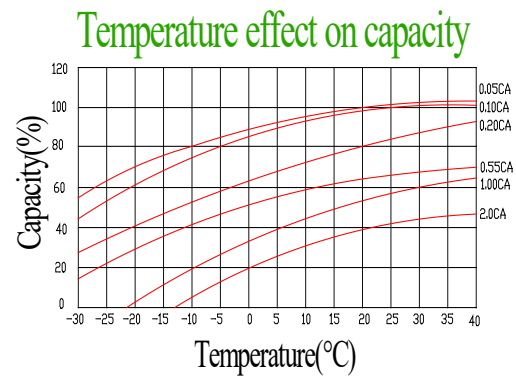
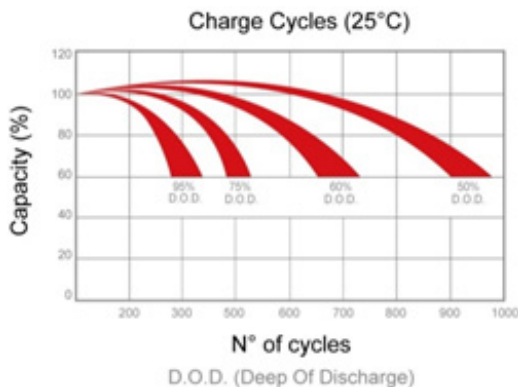
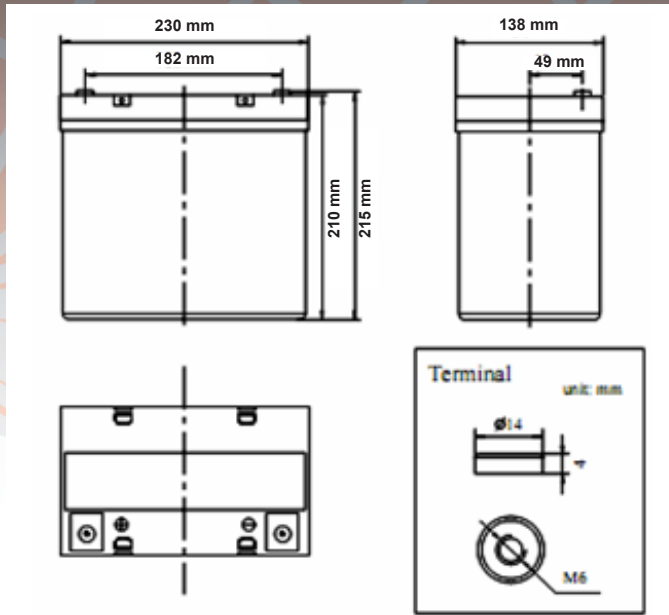
Amp. (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	130.7	83.2	70.8	45.1	33.3	30.6	19.4	13.6	9.3	6.1	5.4	3.03
1.65V	128.3	81.7	69.5	44.3	32.7	30.0	19.0	13.4	9.1	6.0	5.3	2.97
1.70V	125.9	80.2	68.2	43.4	32.1	29.4	18.7	13.1	8.9	5.9	5.2	2.92
1.75V	123.6	78.7	66.9	42.6	31.5	28.9	18.3	12.9	8.8	5.8	5.1	2.86
1.80V	118.8	75.6	64.4	41.0	30.3	27.8	17.6	12.4	8.4	5.6	5.0	2.75

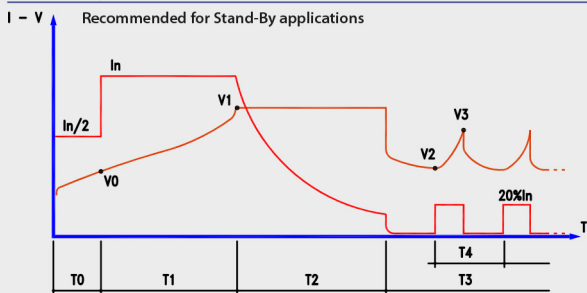
Watts (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	251.6	160.1	136.3	86.8	64.1	58.8	37.3	26.2	17.8	11.8	10.5	5.8
1.65V	247.0	157.2	133.8	85.2	62.9	57.7	36.6	25.7	17.5	11.5	10.3	5.7
1.70V	242.4	154.3	131.3	83.6	61.7	56.7	36.0	25.3	17.2	11.3	10.1	5.6
1.75V	237.8	151.4	128.8	82.0	60.6	55.6	35.3	24.8	16.8	11.1	9.9	5.5
1.80V	228.7	145.6	123.9	78.9	58.2	53.5	33.9	23.8	16.2	10.7	9.5	5.3

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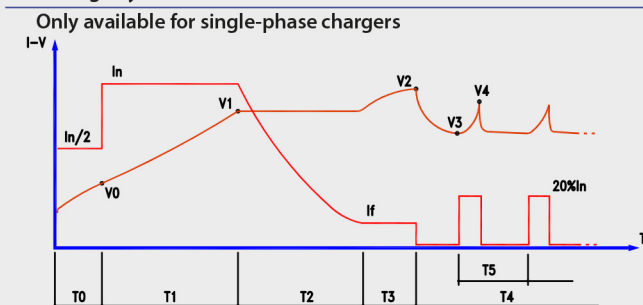
Charge cycle for sealed batteries (GEL/AGM): IU + holding



- I_n = PROGRAMMED CAPACITY/10
- V₀ = 1,90 V/CELL
- V₁ = PROGRAMMED VALUE
- V₂ = 2.10 V/CELL
- V₃ = 2.30 V/CELL
- T₀ = MAX. 1 HR
- T₁ = MAX. 12 HRS
- T₂ = T₁ (MIN. 2-MAX. 5 HRS)
- T₃ = UNLIMITED

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

IULa charge cycle



- I_n = PROGRAMMED VALUE (CHARGE I)
- I_f = PROGRAMMED VALUE (FINAL I)
- V₀ = 1,90 V/CELL
- V₁ = PROGRAMMED VALUE (THRESHOLD V)
- V₂ = PROGRAMMED VALUE (LOCK V)
- V₃ = 2.10 V/CELL
- V₄ = 2.30 V/CELL
- T₀ = MAX. 1 HR
- T₁ = MAX. 12 HRS
- T₂ = MAX. T₁+6 HRS OR I = I_f
- T₃ = MAX. 4 HRS
- T₄ = UNLIMITED
- T₅ = MAX. 6 HRS