

CODICE/CODE: **ZL120150**

Batteria sigillata AGM DEEP-CYCLE (uso ciclico)
DEEP-CYCLE AGM maintenance free battery



Volt		12V
Capacity/capacità (20h)		40Ah
Capacity/capacità 25°C	10h	36Ah
	5h	32Ah
	1h	22.2Ah
Internal Resistance	Full Charged Battery 25°C	≤10m Ω
Capacity affected by Temperature/Effetti della 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. 10Amp; "V1" 2.43V/cell
	IUIa	"In" max. 10Amp; "V1" 14.4Volt; "If" 0.5Amp.

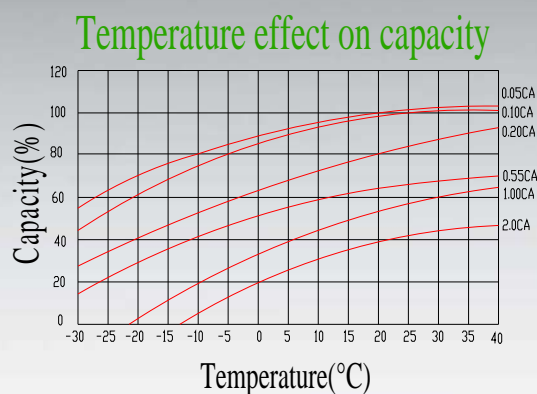
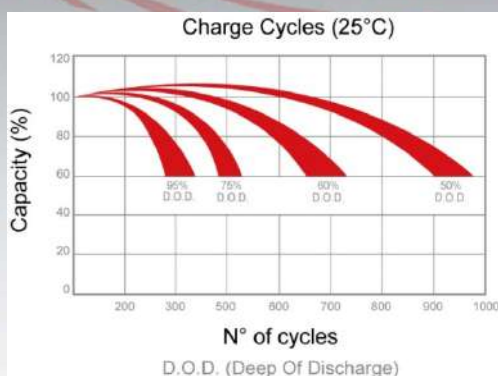
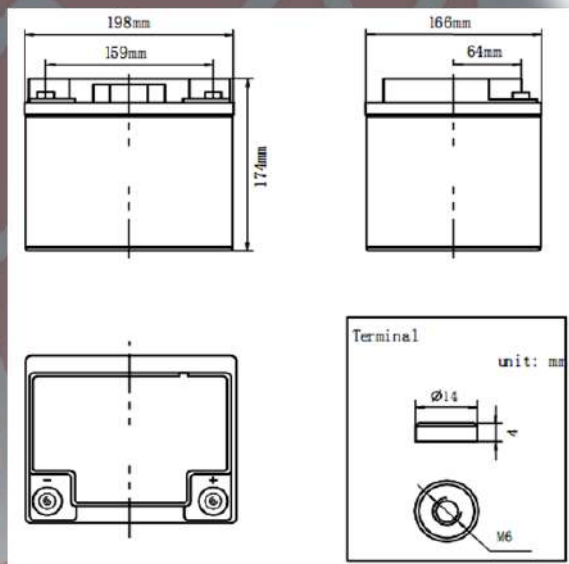
Battery Dimensions/ Dimensioni batteria	L/L	198mm
	W/P	166mm
	H/A	174mm
	Tot- H/A	174mm
Box Dimensions/ Dimensioni scatola	L/L	212mm
	W/P	180mm
	H/A	220mm
Weight/peso		14.5Kg
Terminal/terminal		M6
Case/contenitore		ABS

Amp. (25°C)

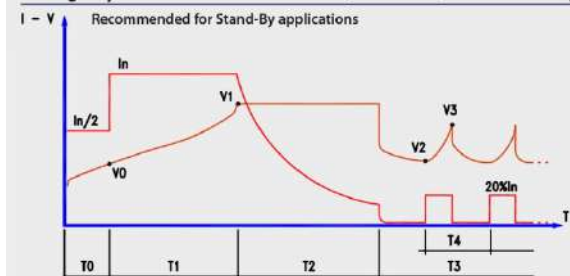
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	95.0	60.6	51.5	32.9	24.2	22.2	14.1	9.9	6.7	4.4	4.0	2.2
1.65V	93.3	59.5	50.5	32.3	23.7	21.8	13.8	9.7	6.6	4.4	3.9	2.16
1.70V	91.6	58.4	49.6	31.7	23.3	21.4	13.6	9.5	6.5	4.3	3.8	2.12
1.75V	89.9	57.3	48.7	31.1	22.8	21.0	13.3	9.4	6.4	4.2	3.7	2.08
1.80V	86.4	55.1	46.8	29.9	22.0	20.2	12.8	9.0	6.1	4.0	3.6	2.00

Watts (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	183.0	116.6	99.1	63.3	46.5	42.7	27.1	19.1	13.0	8.5	7.6	4.2
1.65V	179.6	114.5	97.3	62.1	45.7	41.9	26.6	18.7	12.7	8.4	7.5	4.2
1.70V	176.3	112.4	95.5	61.0	44.8	41.1	26.2	18.4	12.5	8.2	7.3	4.1
1.75V	173.0	110.3	93.7	59.8	44.0	40.4	25.7	18.0	12.3	8.1	7.2	4.0
1.80V	166.3	106.0	90.1	57.5	42.3	38.8	24.7	17.3	11.8	7.8	6.9	3.8



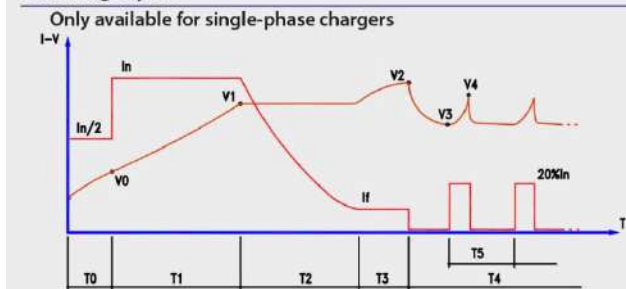
Charge cycle for sealed batteries (GEL/AGM): IU + holding



- 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

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

IUA 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