Zenith

versione/version:01/2018

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

ZL120150

CHARACTERISTIC / CARATTERISTICHE		
Volt	12V	
Capacity / Capacità	20h	45Ah
	5h	35Ah
Internal Resistence	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. 10Amp; "V1" 2.43V/cell
	IUIa	"In" max. 10Amp; "V1" 14.4Volt; "If" 0.5Amp.

CHARACTERISTIC / CARATTERISTICHE			
Battery dimensions / Dimensioni batteria			
L/L	W/P	H/A	Tot - H/A
198	166	174	174
Box Dimensions / Dimensioni scatola			
L/L	W/P	H/A	
212	180	220	
Weight / Peso		14,5 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	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

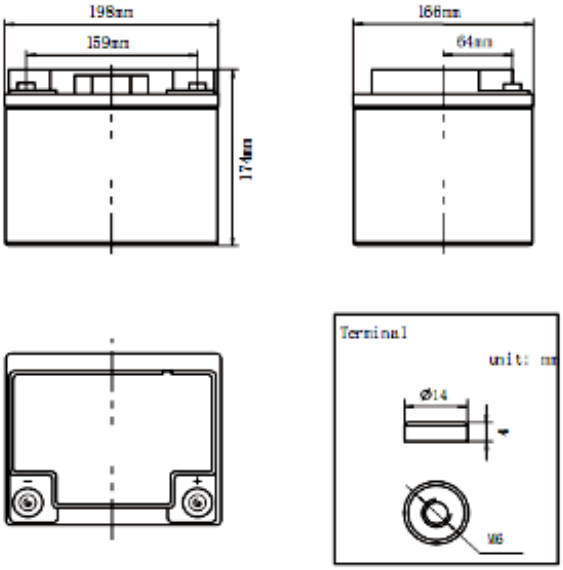
Watts (25°C)

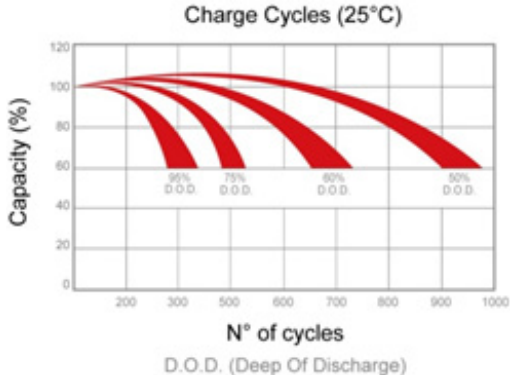
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	183.0	116.6	99.1	63.3	46.5	42.7	27.1	19.1	13.0	8.5	7.6	4.2
1.65V	179.6	114.5	97.3	62.1	45.7	41.9	26.6	18.7	12.7	8.4	7.5	4.2
1.70V	176.3	112.4	95.5	61.0	44.8	41.1	26.2	18.4	12.5	8.2	7.3	4.1
1.75V	173.0	110.3	93.7	59.8	44.0	40.4	25.7	18.0	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

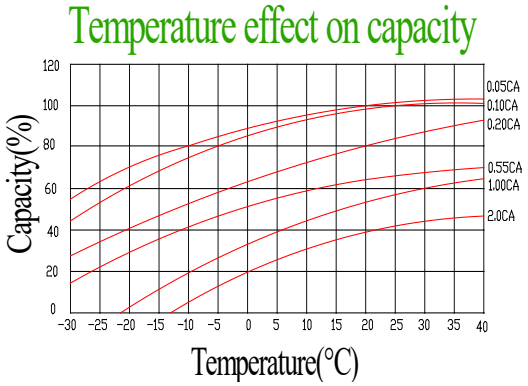
versione/version:01/2018

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

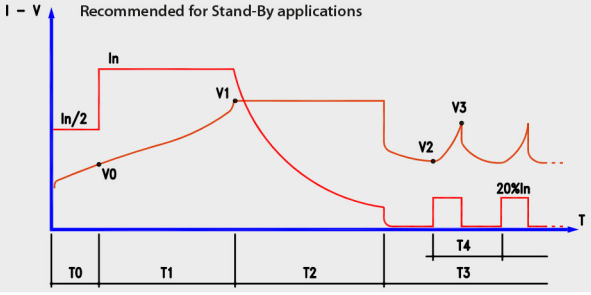
ZL120150







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



In = PROGRAMMED CAPACITY/10

V0 = 1,90 V/CELL
V1 = PROGRAMMED VALUE

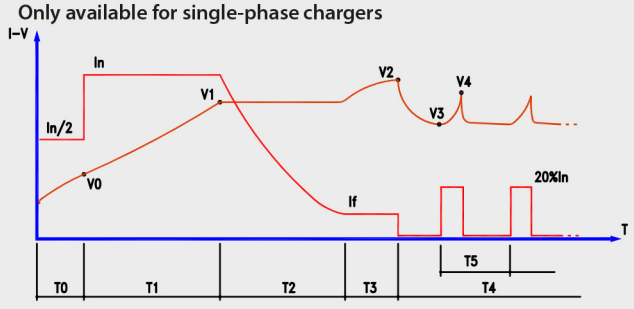
V2 = 2.10 V/CELL
V3 = 2.30 V/CELL

T0 = MAX. 1 HR
T1 = MAX. 12 HRS
T2 = T1 (MIN. 2-MAX. 5 HRS)
T3 = UNLIMITED

"IUIa" charge cycle is always reccomended 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



In = PROGRAMMED VALUE (CHARGE I)
If = 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 = IF
T3 = MAX. 4 HRS
T4 = UNLIMITED
T5 = MAX. 6 HRS