

ZGL120054

**CHARACTERISTIC / CARATTERISTICHE**

Volt	12V	
Capacity / Capacità	20h	45Ah
	5h	38.30Ah
Internal Resistance	Full Charged Battery 25°C ≤8mΩ	
Capacity affected by Temperature / Effetti delle temperature sulla capacità	40°C	102%
	25°C	100%
	0°C	85%
	-15°	65%
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 (Costant Voltage 25°C)	Float	Volt 13.6 - 13.8V
	Charge	Max.9.6Amp. 14.4 - 15 Volt

CHARACTERISTIC / CARATTERISTICHE

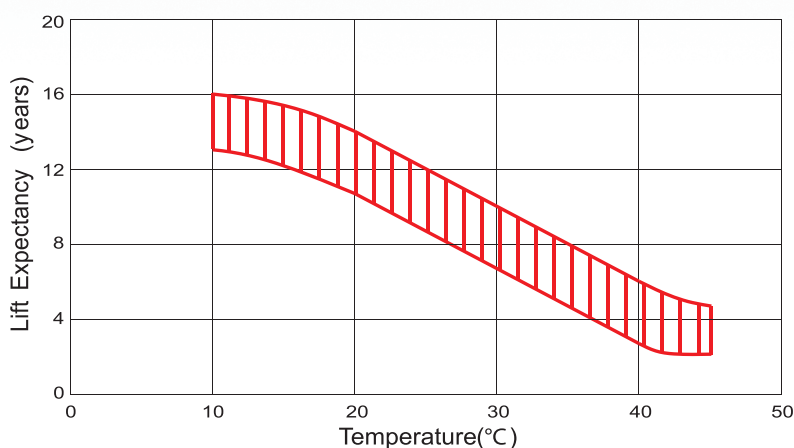
Battery dimensions / Dimensioni batteria			
L/L	W/P	H/A	Tot - H/A
198	166	171	171
Box Dimensions / Dimensioni scatola			
L/L	W/P	H/A	
-	-	-	
Weight / Peso			13.50Kg
Terminal / Terminali			M6
Case / Contenitore			ABS

Amp. (25°C)

F.V/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	148	79,5	48,4	28,2	16,2	11,8	7,91	5,19	4,37	2,29
1.65V	144	77,1	47,6	28,1	16,2	11,7	7,82	5,15	4,33	2,28
1.70V	138	75,5	46,7	27,9	16,0	11,4	7,74	5,10	4,28	2,27
1.75V	127	73,0	46,3	27,5	15,8	11,3	7,65	5,06	4,24	2,26
1.80V	113	68,0	44,3	26,8	15,4	11,2	7,46	5,02	4,20	2,25

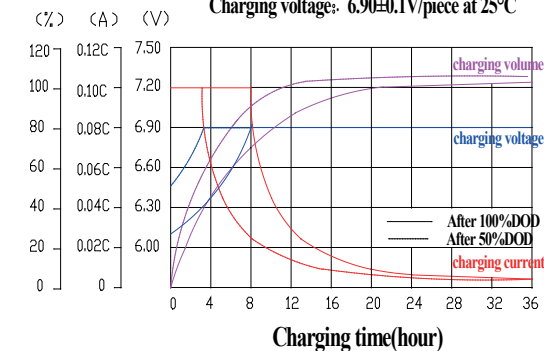
Watts (25°C)

F.V/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	248	140	87,5	53,4	30,7	22,4	15,0	10,1	8,40	4,54
1.65V	238	138	86,7	53,0	30,6	22,2	14,9	10,0	8,32	4,52
1.70V	237	135	86,7	52,6	30,5	21,9	14,8	9,95	8,23	4,49
1.75V	222	135	86,3	52,2	30,3	21,8	14,7	9,88	8,15	4,47
1.80V	204	128	84,2	51,9	30,2	21,7	14,5	9,80	8,06	4,45

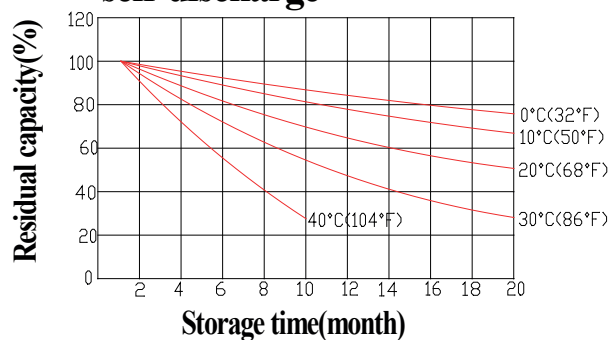


Charging characteristics

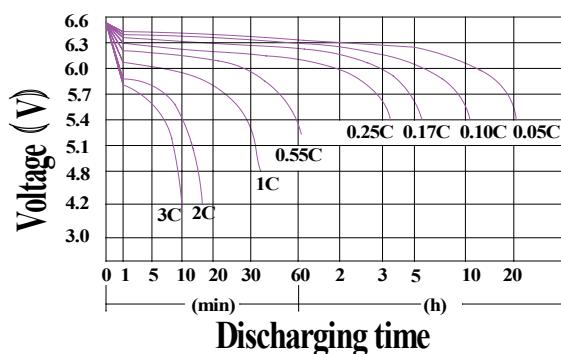
Charging voltage: $6.90 \pm 0.1V$ /piece at $25^\circ C$



Temperature effect on battery self-discharge



Discharge characteristics (25°C)



Temperature effect on capacity

