

CODICE/CODE: **ZGL120052**

Batteria sigillata AGM  
AGM maintenance free battery



Volt		12V
Capacity/capacità (20h)		40Ah
Capacity/capacità 25°C	10h	Ah
	5h	34Ah
	1h	Ah
Internal Resistance	Full Charged Battery 25°C	≤ 8mΩ
Capacity affected by Temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-Discharge 25°C Capacity	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge (Constant Voltage) 25°C	Float	13.6-13.8Volt
	Charge	Max. 9.6Amp. 14.4-15.0Volt

Battery Dimensions/ Dimensioni batteria	L/L	198mm
	W/P	166mm
	H/A	170mm
	Tot- H/A	170mm
Box Dimensions/ Dimensioni scatola	L/L	
	W/P	
	H/A	
Weight/peso		13.00Kg
Terminal/terminale		M6
Case/contenitore		ABS

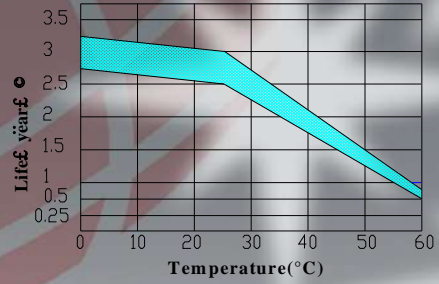
### Amp. (25°C)

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	125	99.2	77.0	47.0		26.0	15.6	10.9	7.55	4.87	4.06	2.13
1.65V	121	96.2	75.5	46.1		25.5	15.6	10.8	7.51	4.85	4.04	2.12
1.70V	119	94.2	73.9	45.1		25.0	15.4	10.7	7.44	4.83	4.02	2.11
<b>1.75V</b>	<b>115</b>	<b>91.3</b>	<b>71.6</b>	<b>43.7</b>		<b>24.2</b>	<b>15.2</b>	<b>10.6</b>	<b>7.37</b>	<b>4.81</b>	<b>4.01</b>	<b>2.11</b>
1.80V	111	88.6	70.2	42.9		23.7	15.1	10.5	7.29	4.80	4.00	2.10

### Watts (25°C)

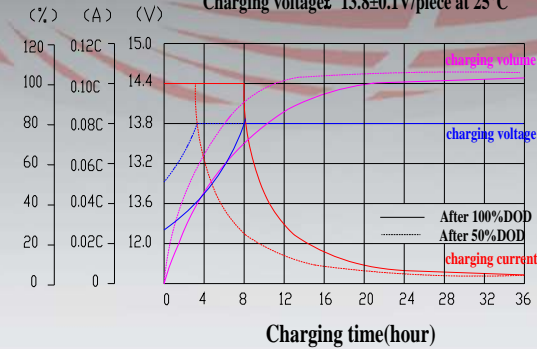
F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	1348	1083	855	527		296	181	128	89.3	58.5	48.5	25.6
1.65V	1307	1051	829	517		290	180	127	88.8	58.2	48.2	25.5
1.70V	1280	1029	812	506		285	178	126	87.9	57.9	48.0	25.4
<b>1.75V</b>	<b>1240</b>	<b>997</b>	<b>786</b>	<b>490</b>		<b>276</b>	<b>177</b>	<b>125</b>	<b>87.1</b>	<b>57.8</b>	<b>47.9</b>	<b>25.3</b>
1.80V	1204	967	771	481		270	175	124	86.2	57.6	47.8	25.2

**Temperature effect on float life**  
 Float charging voltage  $\approx 6.9 \pm 0.01V$  (25°C)

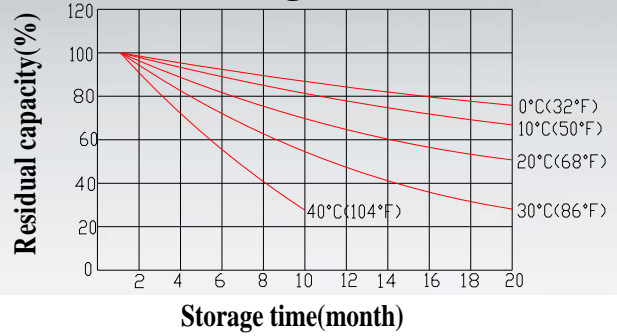


## Charging characteristics

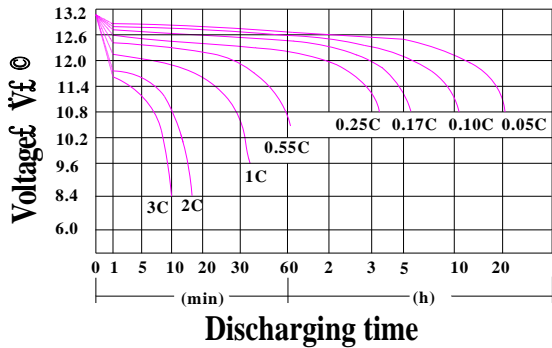
Charging voltage  $\approx 13.8 \pm 0.1V$ /piece at 25°C



## Temperature effect on battery self-discharge



## Discharge characteristics (25°C)



## Temperature effect on capacity

