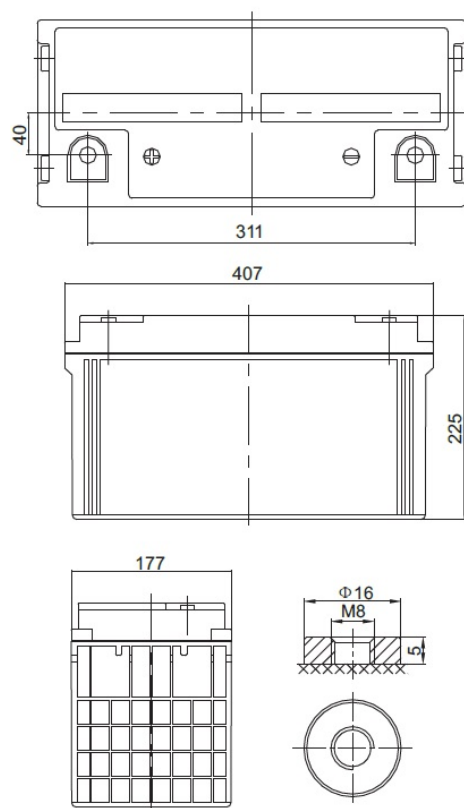


<b>Nominal voltage</b>	12 V	
<b>Nominal capacity</b>	126,8 Ah @ C20 to 1,75 V/cell 120,1 Ah @ C10 to 1,80 V/cell	
<b>Dimensions</b>	<b>Length</b>	407 mm
	<b>Width</b>	177 mm
	<b>Height / Total height</b>	225 / 225 mm
<b>Weight</b>	~ 35,0 kg	
<b>Technology</b>	VRLA (Valve Regulated Lead Acid) AGM (Absorbent Glass Mat)	
<b>Design life time</b>	12 years (standby use)	
<b>Internal resistance</b>	~ 4,5 mΩ (full charged)	
<b>Operating temperature range</b>	<b>Discharge</b>	-20°C ~ +60°C
	<b>Charge</b>	0°C ~ +50°C
	<b>Storage</b>	-20°C ~ +60°C
<b>Maximum discharge current</b>	1 200 A (5 sek.)	
<b>Short circuit current</b>	2 220 A	
<b>Recommended maximum charging current</b>	36,0 A	
<b>Charging voltage</b>	<b>Standby use</b>	13,6 ~ 13,8 VDC
	<b>Cycle use</b>	14,6 ~ 14,8 VDC
<b>Self discharge</b>	Monthly is less than 3% at 25°C	
<b>Container material</b>	ABS UL94HB (optional UL94-V0)	
<b>Terminal types</b>	Internal thread M8 (breaking torque 10-12 Nm)	



### CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Voltage / Time	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h	20 h
9.6 V	400,01	280,04	216,02	127,17	74,63	44,71	32,83	26,67	22,51	15,04	12,79	6,56
10.0 V	385,55	271,69	210,36	124,38	73,25	44,06	32,39	26,33	22,25	14,89	12,67	6,51
10.2 V	366,75	260,75	202,91	120,69	71,42	43,19	31,81	25,89	21,90	14,69	12,51	6,44
10.5 V	342,60	246,57	193,22	115,86	69,01	42,03	31,04	25,31	21,44	14,42	12,29	6,34
10.8 V	312,15	228,48	180,77	109,59	65,87	40,52	30,03	24,54	20,84	14,06	12,01	6,22
11.1 V	274,70	205,85	165,03	101,59	61,82	38,55	28,70	23,52	20,04	13,59	11,63	6,06

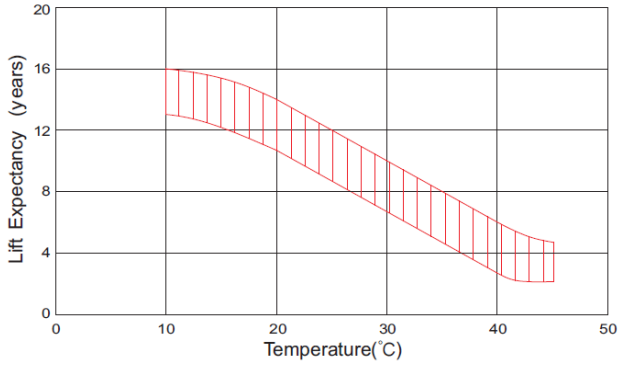
### CONSTANT POWER DISCHARGE CHARACTERISTICS (W at 25°C)

Voltage / Time	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h	20 h
9.6 V	4131,0	2898,9	2299,8	1406,7	849,8	516,1	381,9	311,8	264,3	178,9	153,1	78,7
10.0 V	4087,3	2887,0	2286,7	1396,3	842,9	512,2	379,1	309,5	262,5	177,6	152,0	78,2
10.2 V	3931,6	2801,8	2225,1	1362,5	824,7	503,6	373,2	305,0	259,0	175,5	150,1	77,4
10.5 V	3738,8	2697,2	2149,7	1321,5	800,9	492,5	365,7	299,3	254,4	172,6	147,7	76,4
10.8 V	3465,9	2542,9	2039,5	1262,6	768,1	477,2	355,2	291,2	248,1	168,7	144,5	75,0
11.1 V	3104,2	2331,7	1888,4	1182,1	726,0	456,4	341,0	280,2	239,4	163,4	140,2	73,1

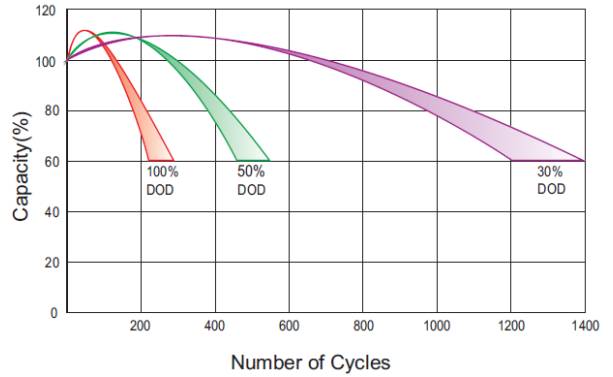
### According with:

PN-EN 60896-21:2007	ISO 9001
PN-EN 60896-22:2007	ISO 14001
PN-EN 61056-1:2013	
PN-EN 61056-2:2013	
PN-E-83016:1999	

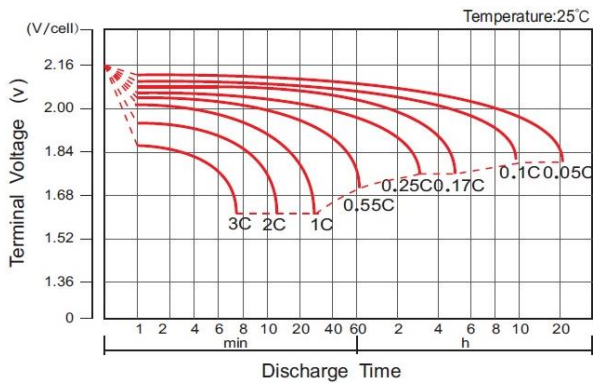
## EFFECT OF TEMPERATURE ON LONG TERM LIFE



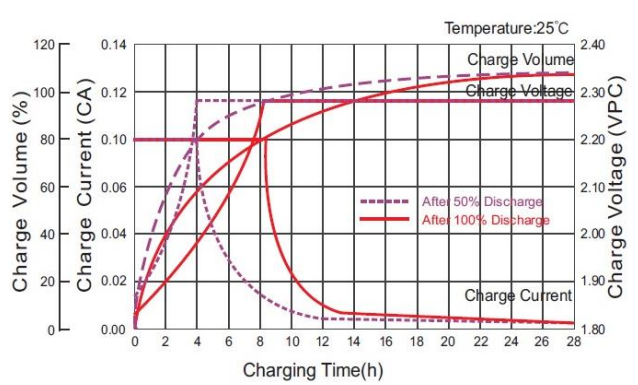
## CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



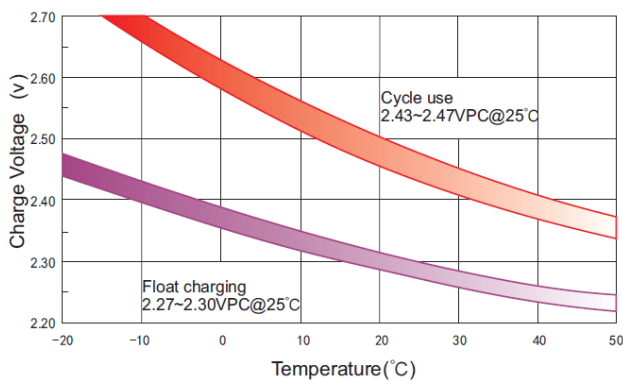
## DISCHARGE CHARACTERISTICS



## CHARGE CHARACTERISTIC FOR STANDBY USE



## RELATIONSHIP BETWEEN CHARGING VOLTAGE AND TEMPERATURE



## STORAGE CHARACTERISTICS

