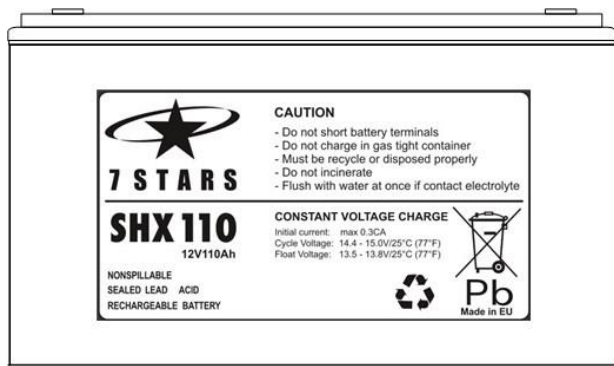


SEALED, MAINTENANCE-FREE AGM BATTERIES



Nominal voltage 12V
Type AGM VRLA

Capacity
 20 hours rate 120 Ah
 10 hours rate 110 Ah
 5 hours rate 92 Ah
 1C 64 Ah
 3C 53 Ah

Weight 35,5 kg

Internal resistance 5 mΩ@1kHz

Max. current
 Short-circuit 2550 A

Working temp. range
 Allowed -10°C ÷ 50°C
 Recommended 15°C ÷ 25°C
 Storage -10°C ÷ 40°C

Charge Retention at 20°C
 1 month 98%
 3 months 94%
 6 months 88%

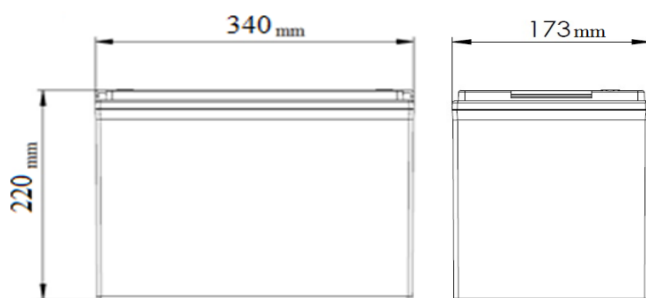
Charging methods at 20°C
 Max. charging current 28 A
 Charging voltage
 Cycle use: 14,4 ÷ 14,7 V
 Standby use: 13,5 ÷ 13,8 V
 Thermal Coeff.: Cycle./St.By. -4,0/-3,0 mV/°C/cell

Life expectancy
Cycle use
 Depth of discharge. 100% 250 cycles
 Depth of discharge 50% 600 cycles
 Depth of discharge 30% 1200 cycles

Standby use 12 years / Long Life (EUROBAT)

Case material ABS UL94 V0

Terminal F8 (M6 Bolt)
 Torque value (max.) 6 Nm



Constant current discharge (25°C) [A]						
Time	Cut off voltage[V]					
min.	11.1	10.8	10.5	10.2	9.9	9.6
5	251	284	307	326	351	381
10	201	220	237	251	267	278
15	157	175	191	202	206	208
30	108	114	118	119	125	127
60	62,9	65,6	68,9	69,1	69,7	71,2
120	35,5	37,3	37,9	38,4	38,7	39,1
240	20,2	21,3	21,5	21,8	21,9	22,1
300	17,1	17,8	18	18,1	18,2	18,4
360	14,9	15,3	15,4	15,5	15,6	15,8
600	9,75	10	10,1	10,2	10,25	10,3

Constant power discharge characteristics (25°C) [Watt]												
Cut off voltage	Time											
	5'	10'	15'	30'	1H	1.5H	2H	3H	4H	5H	10H	20H
11.1V	3 295	2 587	2 142	1 465	860	575	455	340	258	224	118	66,5
10.8V	3 610	2 814	2 321	1 488	874	591	478	358	271	233	127	68,4
10.5V	4 015	3 104	2 460	1 578	904	606	495	368	280	240	130	70,2
10.2V	4 198	3 234	2 550	1 610	935	624	505	373	285	245	133	71,4
9.9V	4 427	3 380	2 652	1 664	963	642	519	382	296	252	136	72,6
9.6V	4 648	3 460	2 703	1 682	972	648	524	386	299	254	137	73,2

Ze względu na ciągłe ulepszanie produktu, projekt i specyfikacje mogą ulec zmianie bez wcześniejszego powiadomienia.