



eZ8 12/600 Battery data sheet

BATTERY 8AS10/300-2 (Reference 303)

ELECTROCHEMICAL SYSTEM: Zinc-air with immobilized alkaline electrolyte

PHYSICAL CHARACTERISTICS::

Length.....216 mm
Width.....216 mm
Height.....221 mm
Average Weight.....16,5 Kg

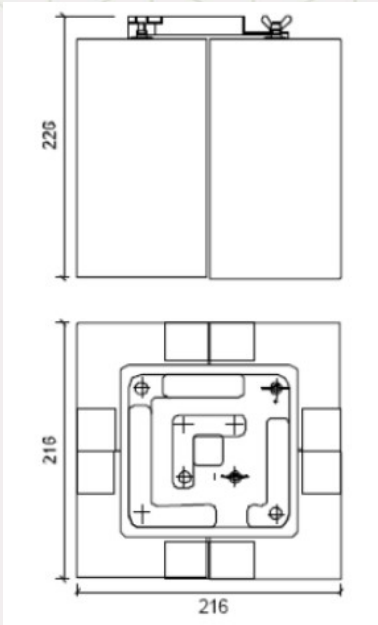
Connection : two M4 terminals

Casing and sealed: case and lid made of high impact polystyrene, welded by ultrasounds.

ELECTRICAL CHARACTERISTICS;:

Nominal Voltage.....12 V
Nominal Capacity.....600 Ah
Nominal Energy.....6.240 Wh
Maximum current removable (in continuous discharge).....250 mA
Maximum intermittent discharge current (rate < 1 minute)...1000 mA

CONSERVATION: 2 years under normal storage conditions.



VOLTAGE (volts Vcc)	Maximum	Minimum		
		Initial	at 12 months	to capacity limit
Open Circuit	12,96	11,92	11,76	11,6
Closed Circuit (14 Ω)	-	10,4	10,8	10,4

CAPACITY (Ah)						
DISCHARGE RATE AT WORK				MINIMUM VALUES		
Conditions of use	Ohmios (Ω)	Daily Service	Final Vcc.	Initial	at 12 months	at use-by date limit
Quick Discharge	48	24h.	7,2	582	552	525
Slow Discharge	96	14h.	7,2	582	552	525

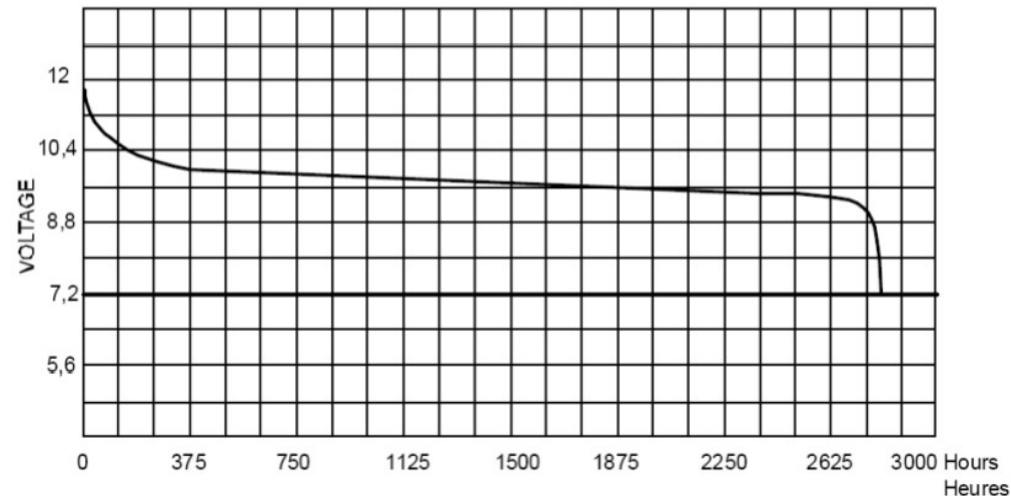




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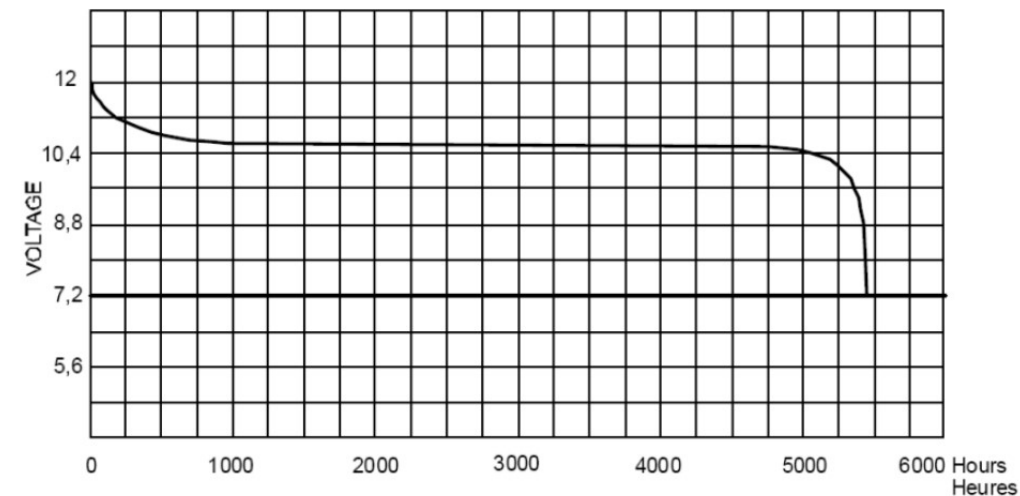
TYPICAL HEAVY SERVICE DISCHARGE / COURBE DE DÉCHARGE POUR RÉGIME FORT

48 Ω - 24 HOURS / DAY - CUT OFF 7,2 VOLTS
48 Ω - 24 HEURES / JOUR - TENSION D'ARRÊT 7,2 VOLTS



TYPICAL LIGHT SERVICE DISCHARGE / COURBE DE DÉCHARGE POUR RÉGIME LENT

96 Ω - 14 HOURS / DAY - CUT OFF 7,2 VOLTS
96 Ω - 14 HEURES / JOUR - TENSION D'ARRÊT 7,2 VOLTS



Battery lifetime eZ8 12/600 based on average continuous discharge and 24 hours of service									
35 mA	40 mA	50 mA	60 mA	70 mA	80 mA	90 mA	100 mA	150 mA	200 mA
23 months	21 months	16 months	14 months	12 months	10 months	9 months	8 months	5 months	4 months
17.140 h.	15.000 h.	12.000 h.	10.000 h.	8.571 h.	7.500 h.	6.660 h.	6.000 h.	4.000 h.	3.000 h.

