

PRODUCT DATASHEET

Product	AGFAPHOTO Heavy Duty Battery	
Type/Size	Mignon AA R6	



<https://www.mega-piles.com>
 contact : admin@mega-piles.com

Specifications

Chemical system	zinc-chloride/zinc-manganese dioxide (free of mercury)		
Dimensions	Diameter:	13.5 - 14.5 mm	
	Height:	49.2 - 50.5 mm	
Weight (approx.)	15.0 - 7.0 g		
Packaging	-		
Nominal voltage	1.5 V		
Capacity	460 mAh (3.9 Ω , 24 h/d, 20 $^{\circ}$ C, 0.9 V)		

Electrical characteristics ((3.9 Ω , 24 h/d, 20 +/-2 $^{\circ}$ C, RH 45-75 %)

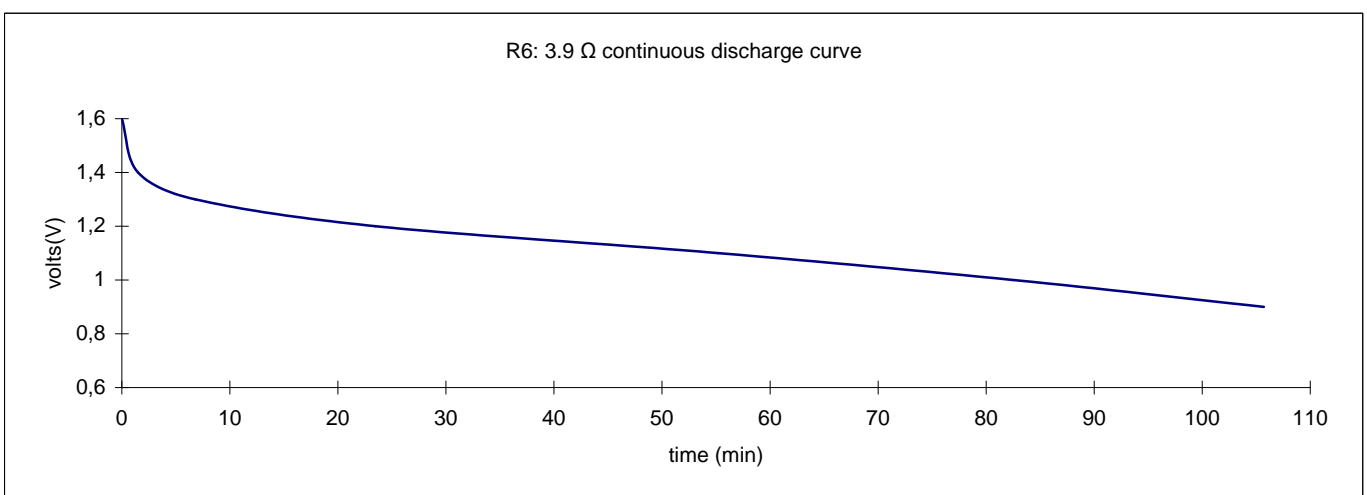
	OCV (V)	CCV (V)	short-circuit current (A)
Initial	1.62 - 1.725	≥ 1.45	≥ 4.5
After 12 months	≥ 1.58	≥ 1.38	3.0

OCV = open circuit voltage
 CCV = closed circuit voltage

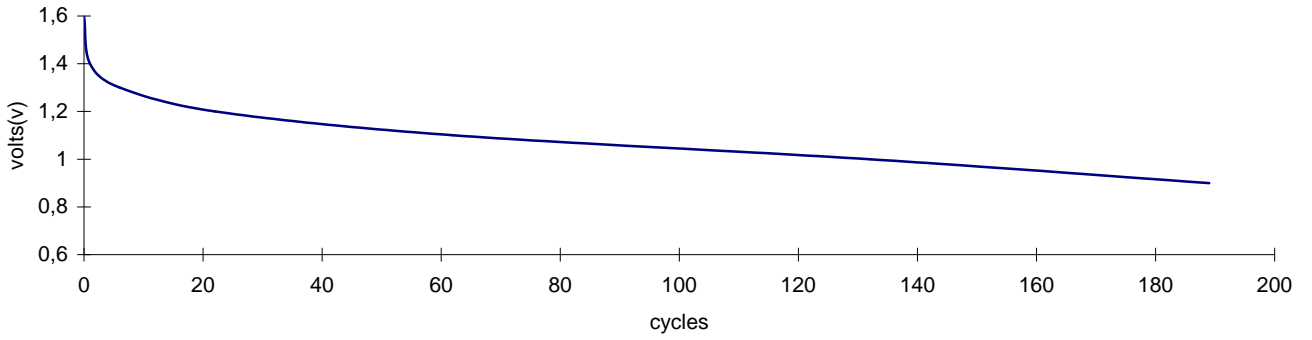
Discharge capacity (20 +/-2 $^{\circ}$ C, RH 45-75 %)

Load resistance	3.9 Ω	1.8 Ω	10 Ω	43 Ω	3.9 Ω
Discharge mode	24 h/d continuous	15 s/min, 24 h/d pulse	1 h/d intermittent	4 h/d intermittent	1 h/d intermittent
End voltage	0.9 V	0.9 V	0.9 V	0.9 V	0.8 V
Initial	≥ 98 min.	≥ 160 times	≥ 380 min.	≥ 31 hrs.	≥ 140 min.
After 12 months of storage	≥ 83 min.	≥ 136 times	≥ 330 min.	≥ 26 hrs.	≥ 119 min.

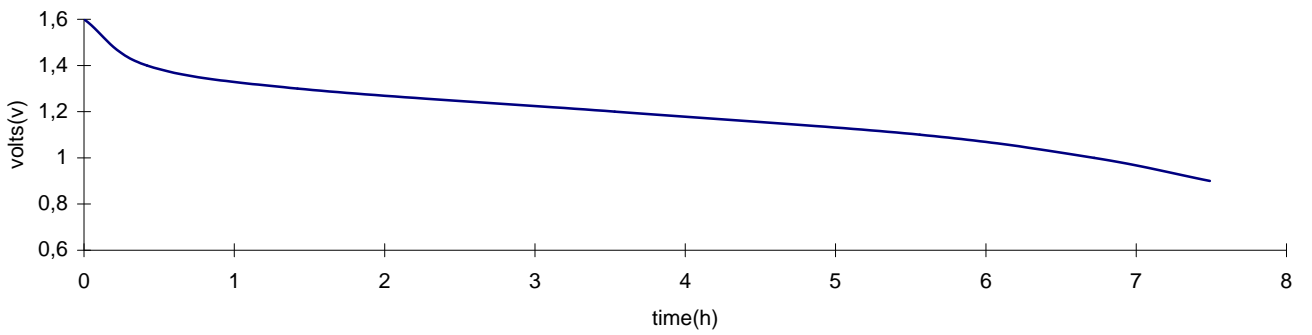
Discharge curves



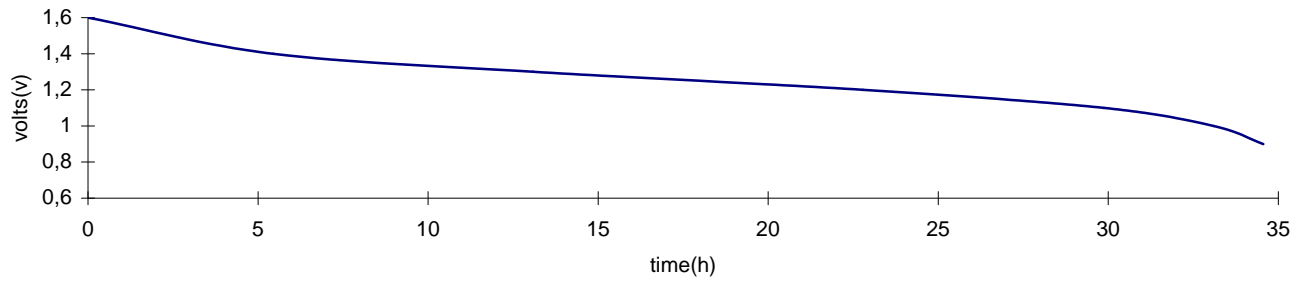
R6: 1.8 Ω (15s/m,24h/d) intermittent discharge curve



R6: 10 Ω (1h/d) intermittent discharge curve



R6: 43 Ω (4h/d) intermittent discharge curve



R6: 3.9 Ω (1h/d) intermittent discharge curve

