

## ARTICLE MASTER DATASHEET

**Date:** 01.06.2014

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**Product**

**AGFAPHOTO  
Heavy Duty Battery**

**Type/Size**

**Mono D  
R20**



### Codes

Article Nr.:	160-821986
BAHAG Article Nr.:	20126904
EAN blister:	4250175821986
Design:	AgfaPhoto
Country of origin:	China

### Specifications

Chemical system	zinc-chloride/zinc-manganese dioxide (free of mercury)		
Dimensions	Diameter:	32.3 - 34.2 mm	
	Height:	59.5 - 61.5 mm	
Weight (approx.)	88.0 - 92.0 g		
Packaging	4 pieces		
Nominal voltage	1.5 V		
Capacity	3.6 Ah (3.9 Ω, 24 h/d, 20 °C, 0.9 V)		

### Electrical characteristics ((3.9 Ω, 24 h/d, 20 +/-2 °C, RH 45-75 %)

	OCV (V)	CCV (V)	short-circuit current (A)
Initial	1.62 - 1.725	≥ 1.50	≥ 7.0
After 12 months	≥ 1.58	≥ 1.46	≥ 5.0

OCV = open circuit voltage  
CCV = closed circuit voltage

### Discharge capacity (20 +/-2 °C, RH 45-75 %)

Load resistance	3.9 Ω	3.9 Ω	2.2 Ω	10 Ω	2.2 Ω
Discharge mode	24 h/d continuous	1 h/d intermittent	4 min/h, 8 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	≥ 750 min.	≥ 14.0 hrs.	≥ 320 min.	≥ 40.0 hrs.	≥ 8.0 hrs.
After 12 months of storage	≥ 637 min.	≥ 11.9 hrs.	≥ 272 min.	≥ 34.0 hrs.	≥ 6.8 hrs.

## Discharge curves

