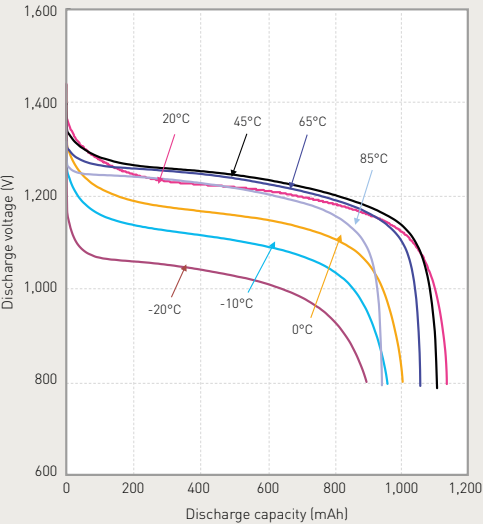




EXCELLENT LARGE CURRENT DISCHARGE CHARACTERISTICS
OUTSTANDING 2It DISCHARGE PERFORMANCE
EVEN AT LOW TEMPERATURE

DISCHARGING CHARACTERISTICS

2It discharge characteristics of BK-120AAW

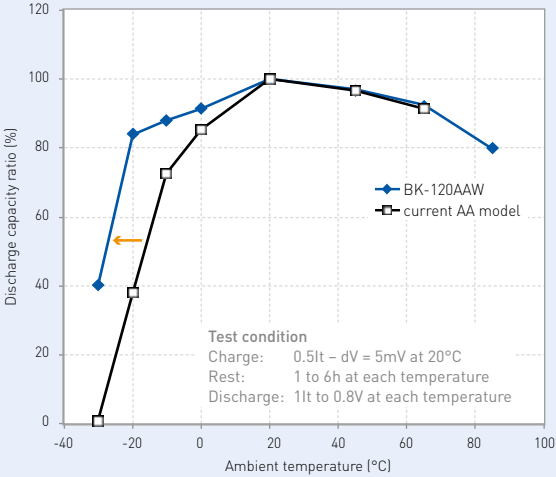


Test condition
Charge: 0.5It – dV = 5mV at 20°C
Rest: 1 to 6h at each temperature
Discharge: 2It to 0.8V at each temperature

EXCELLENT DISCHARGING PERFORMANCE
IN LOW TEMPERATURE ENVIRONMENT
(DOWN TO -30°C)

DISCHARGING CHARACTERISTICS

1It discharge characteristics comparison



SUITABLE USE OF BK-120AAW

Operating temperature range	Charging from -20°C to 60°C Discharging from -30°C to 85°C
Life	8 years durable cell*
Safety	IEC62133 compliant & no hazard substances

* Values for expected battery life are reference values only.
The expected life varies depending on the conditions in which the battery is used.

SUITABLE BATTERIES



Specifications			BK-60AAW	BK-120AAW
Diameter (mm)			10.5 0/-0.7	14.5 0/-0.7
Height (mm)			44.5 0/-1.5	50.5 0/-1.5
Approximate weight (g)			13	26
Nominal voltage (V)			1.2	1.2
Discharge capacity (mAh)*1	Typical*2		550	1,280
	Nominal		500	1,200
Approx. internal impedance at 1,000Hz at charged state (mΩ)			35	20
Charge (mA x hrs.)	Standard		50 x 16	120 x 16
	Rapid*3		250 x 2.4	600 x 2.4
Ambient temperature	Charge (°C)	Standard	-20 to 60	-20 to 60
		Rapid	-20 to 45	-20 to 45
	Discharge (°C)		-20 to 85	-30 to 85
	Storage (°C)	<1 year	-40 to 35	-40 to 35
		<6 months	-40 to 45	-40 to 45
		<1 month	-40 to 55	-40 to 55
		<1 week	-40 to 85	-40 to 85

*1 After charging at 0.1It for 16 hours, discharging at 0.2It. *2 For reference only. *3 Needs specially designed control system. Please contact Panasonic for details.

Battery performance and cycle life are strongly affected by how the batteries are used. In order to maximise battery safety, please consult Panasonic when determining charge/discharge specs, warning label contents and design. The data in this document are for descriptive purposes only and are not intended to make or imply any guarantee or warranty.

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