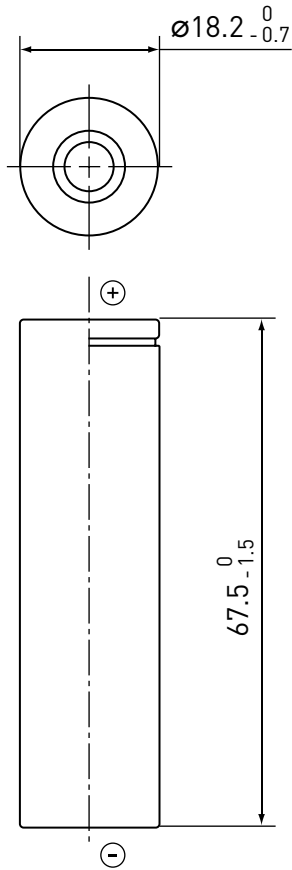


BK-450A
HHR-450A (OLD)

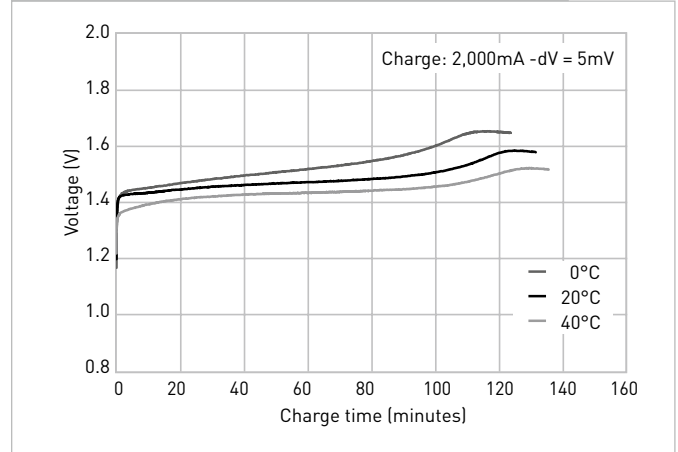
DIMENSIONS (MM)



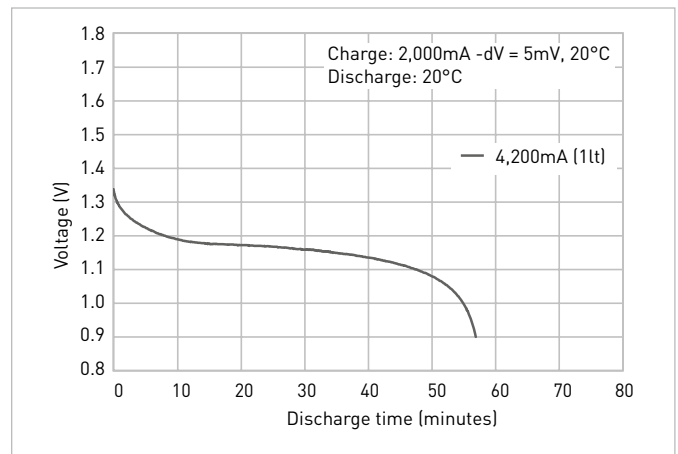
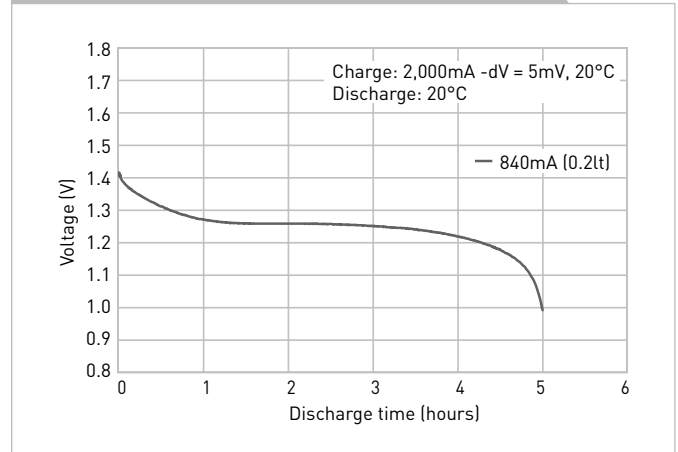
STANDARD TYPE
LFAT/A SIZE

N type

TYPICAL CHARGE CHARACTERISTICS



TYPICAL DISCHARGE CHARACTERISTICS



SPECIFICATIONS

Name		BK-450A
Diameter (mm)		18.2 +0/-0.7
Height (mm)		67.5 +0/-1.5
Approximate weight (g)		60
Nominal voltage (V)		1.2
Discharge capacity*1	Average*2 (mAh)	4,500
	Rated/min. (mAh)	4,200
Approx. internal impedance at 1,000Hz at charged state (mΩ)		25
Charge	Standard (mA x hrs.)	420 x 16
	Rapid*3 (mA x hrs.)	2,000 x 2.7
Charge	Standard (°C)	0 to +45
	Rapid (°C)	0 to +40
Discharge (°C)		-10 to +65
Storage	<1 year	-20 to +35
	<6 months	-20 to +45
	<1 month	-20 to +55
	<1 week	-20 to +65

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

Battery performance and cycle life are strongly affected by how they 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.