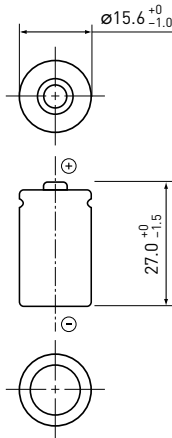


CR-2Z

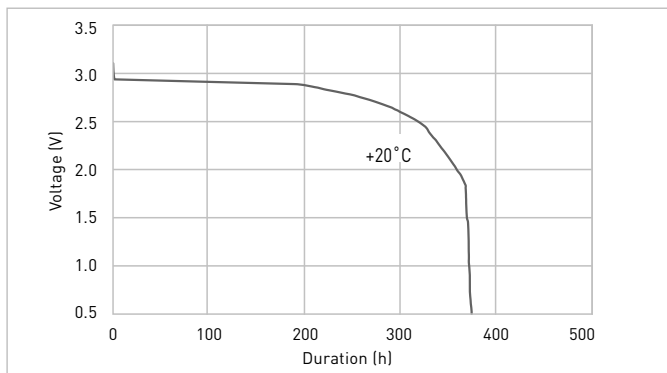


Model number	CR-2Z
Nominal voltage (V)	3
Nominal capacity (mAh)	1,000
Diameter (mm)	15.6
Total height (mm)	27.0
Discharging temperature range (°C)	-40 to +75
Weight (g)	11.0

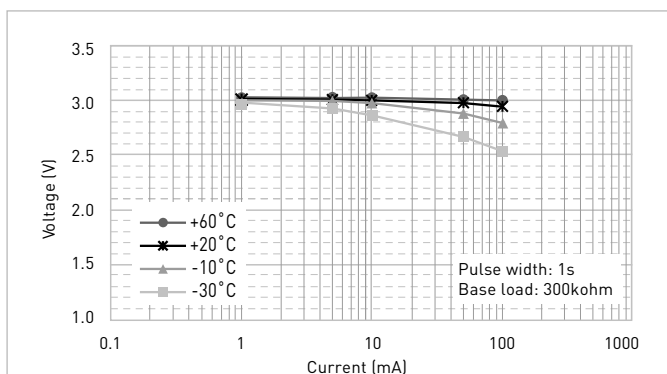
FEATURES

- Superior long term reliability: internal resistance keeps low during long term discharge such as memory-back-up without 'wake-up-pulse discharge'
- Good pulse capability: stable impedance can provide high pulse voltage
- Wide operational temperature range: -40°C to +75°C
- Good safety and environmental friendly: PTC device is included, no toxic materials are included

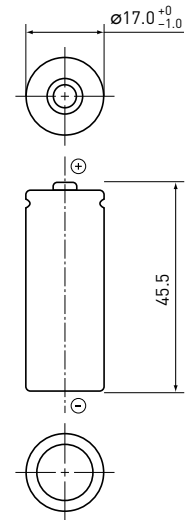
DISCHARGE CURVE (1kohm)



PULSE DISCHARGE (D.O.D: 50%)



CR-AGZ

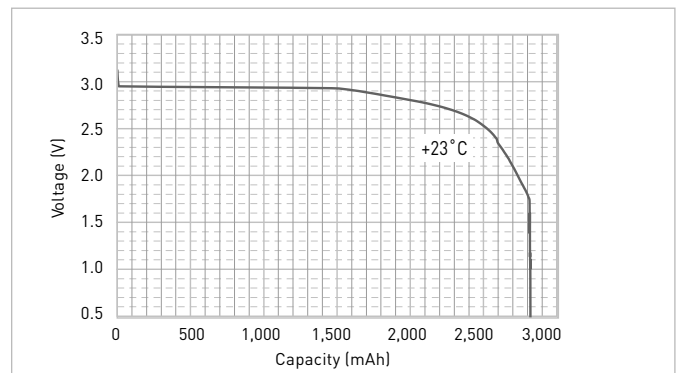


Model number	CR-AGZ
Nominal voltage (V)	3
Nominal capacity (mAh)	2,700
Diameter (mm)	17.0
Total height (mm)	45.5
Discharging temperature range (°C)	-40 to +70
Weight (g)	23.0

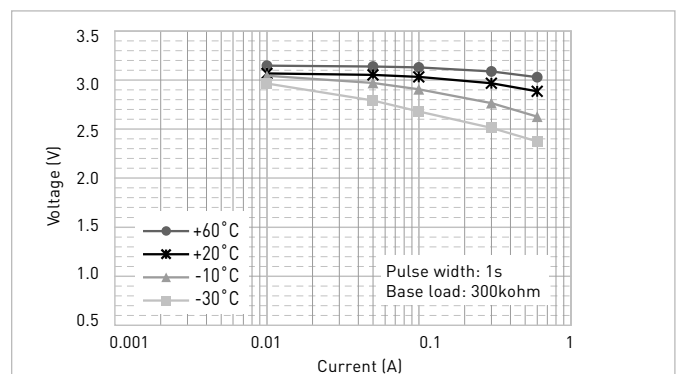
FEATURES

- Superior long term reliability: internal resistance keeps low during long term discharge such as memory-back-up without 'wake-up-pulse discharge'
- High capacity: nominal capacity is up by 12.5% than CR-AG
- Good pulse capability: stable impedance can provide high pulse voltage
- Wide operational temperature range: -40°C to +70°C
- Good safety and environmental friendly: PTC device is included, no toxic materials are included

DISCHARGE CURVE (1kohm)



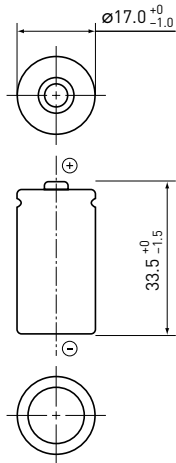
PULSE DISCHARGE (D.O.D: 0%)



## 2 MANGANESE DIOXIDE LITHIUM BATTERIES (CR SERIES FOR PROFESSIONALS)

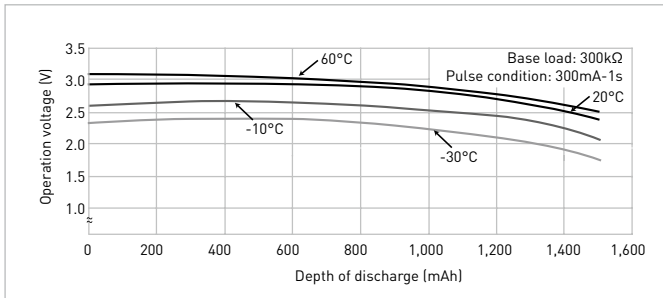
### CR-2/3AZ

DIMENSIONS (MM)

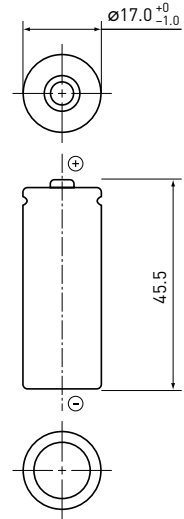


Model number	CR-2/3AZ
Nominal voltage (V)	3
Nominal capacity (mAh)	1,600
Diameter (mm)	17.0
Total height (mm)	33.5
Discharging temperature range (°C)	-40 to +70
Weight (g)	17.0

### PULSE DISCHARGE PERFORMANCE

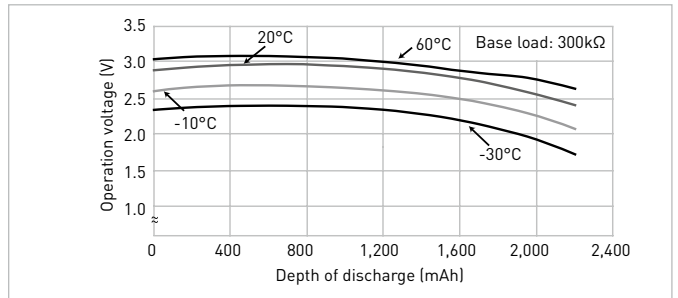


### CR-AG



Model number	CR-AG
Nominal voltage (V)	3
Nominal capacity (mAh)	2,400
Diameter (mm)	17.0
Total height (mm)	45.5
Discharging temperature range (°C)	-40 to +70
Weight (g)	24.0

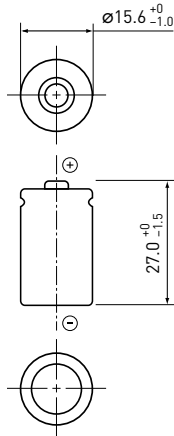
### DISCHARGE TEMPERATURE CHARACTERISTICS



## 2 MANGANESE DIOXIDE LITHIUM BATTERIES (CR SERIES FOR PROFESSIONALS)

### CR-2U

#### DIMENSIONS (MM)

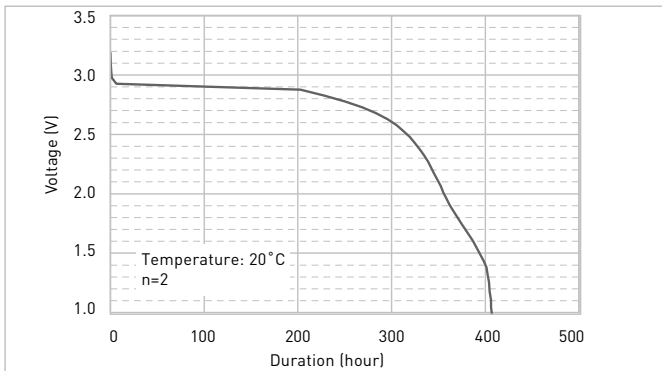


Model number	CR-2U
Nominal voltage (V)	3
Nominal capacity (mAh)	1,000
Diameter (mm)	15.6
Total height (mm)	27.0
Discharging temperature range (°C)	-40 to +70
Weight (g)	11.0

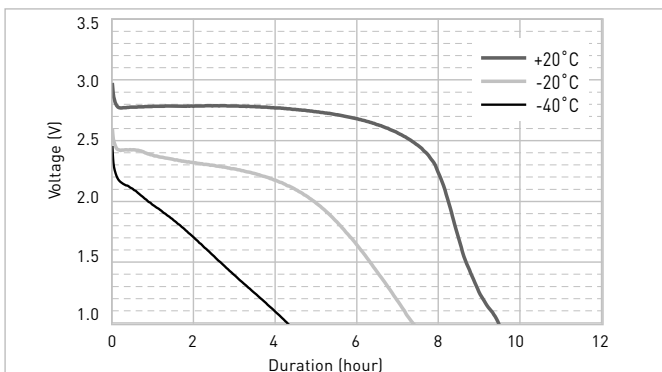
#### FEATURES

- Superior long term reliability: internal resistance keeps low during long term discharge such as memory-back-up without 'wake-up-pulse discharge'
- Good pulse capability: stable impedance can provide high pulse voltage
- Wide operational temperature range: -40°C to +70°C
- Good safety and environmental friendly: PTC device is included, no toxic materials are included

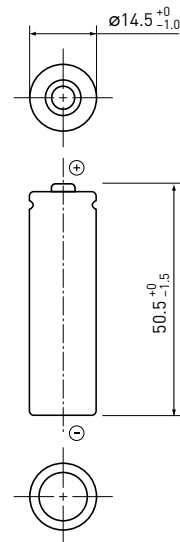
#### DISCHARGE CURVE (1kohm)



#### DISCHARGE CURVE (100mA)



### CR-AAU

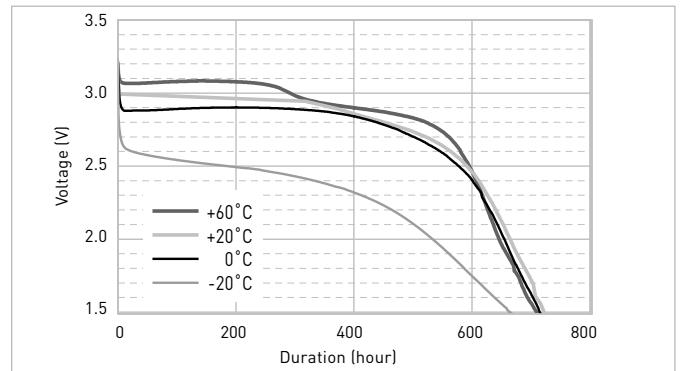


Model number	CR-AAU
Nominal voltage (V)	3
Nominal capacity (mAh)	1,800
Diameter (mm)	14.5
Total height (mm)	50.5
Discharging temperature range (°C)	-40 to +85
Weight (g)	18.0

#### FEATURES

- Superior long term reliability: internal resistance keeps low during long term discharge such as memory-back-up without 'wake-up-pulse discharge'
- Good pulse capability: stable impedance can provide high pulse voltage
- Wide operational temperature range: -40°C to +85°C
- Good safety and environmental friendly: PTC device is included, no toxic materials are included

#### DISCHARGE CURVE (1kohm)



#### PULSE DISCHARGE (D.O.D: 50%)

