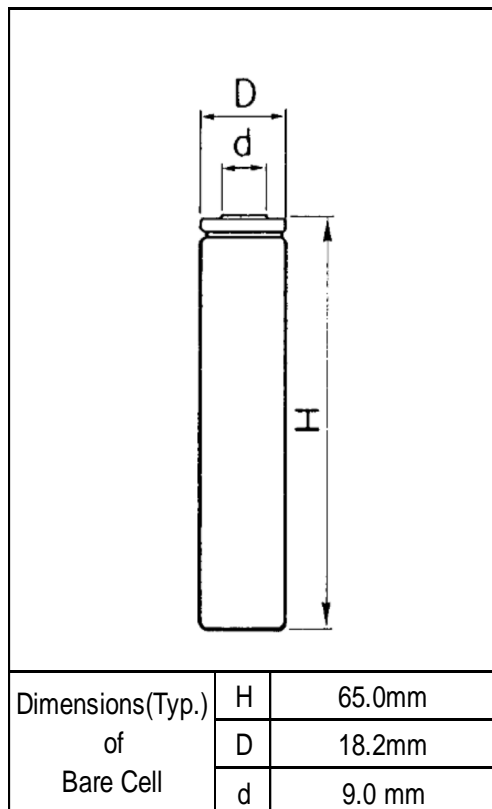


Spec Sheet for NCR18650BF

TENTATIVE

Cell Type NCR18650BF

Specifications

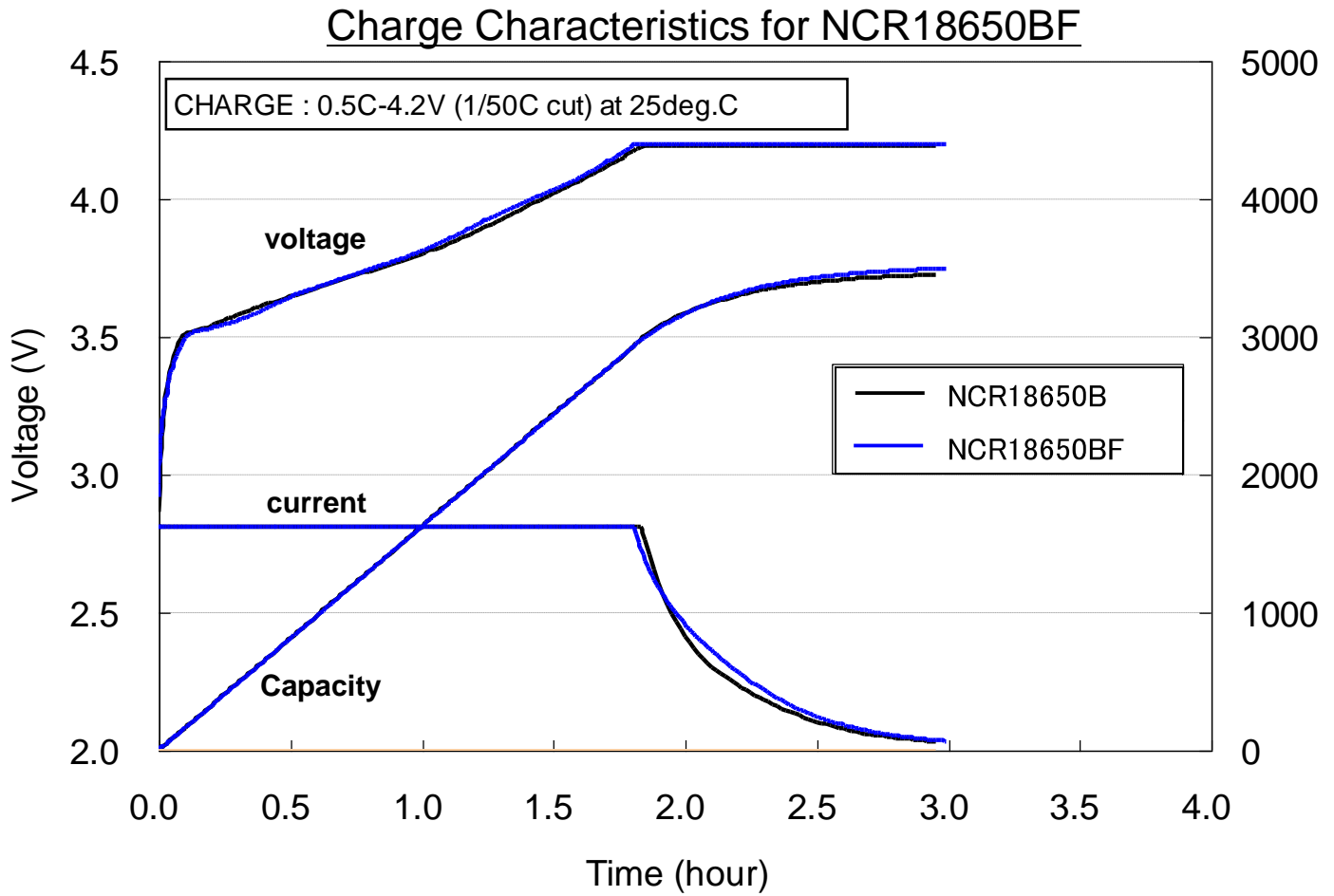


| | | | |
|----------------------------|-----------|-------------|---------------------------------------|
| Rated Capacity | | *at 20deg.C | Min.3200mAh *at 0.2Cdischarge |
| Nominal Capacity | | *at 25deg.C | Min.3250mAh *at 0.2Cdischarge |
| | | | Typ.3350mAh *at 0.2Cdischarge |
| Nominal Voltage | | | 3.6V |
| Charging Method | | | Constant Current -Constant Voltage |
| Charging Voltage | | | 4.2V |
| Charging Current | | | Std.1625mA |
| Charging Time | | | 3.5hrs. |
| Ambient Temperature | Charge | | 0~+45°C |
| | Discharge | | -20~+60°C |
| | Storage | | -20~+50°C |
| Weight (Max.) | | | 46.5g |
| Dimensions (Max.)* | (D) | | 18.24mm *without tube |
| | | | 18.50mm *with tube |
| | (H) | | 65.10mm *without tube |
| | | | 65.30mm *with tube |
| Volumetric Energy Density | | | 677Wh/l |
| Gravimetric Energy Density | | | 248Wh/kg |

Panasonic

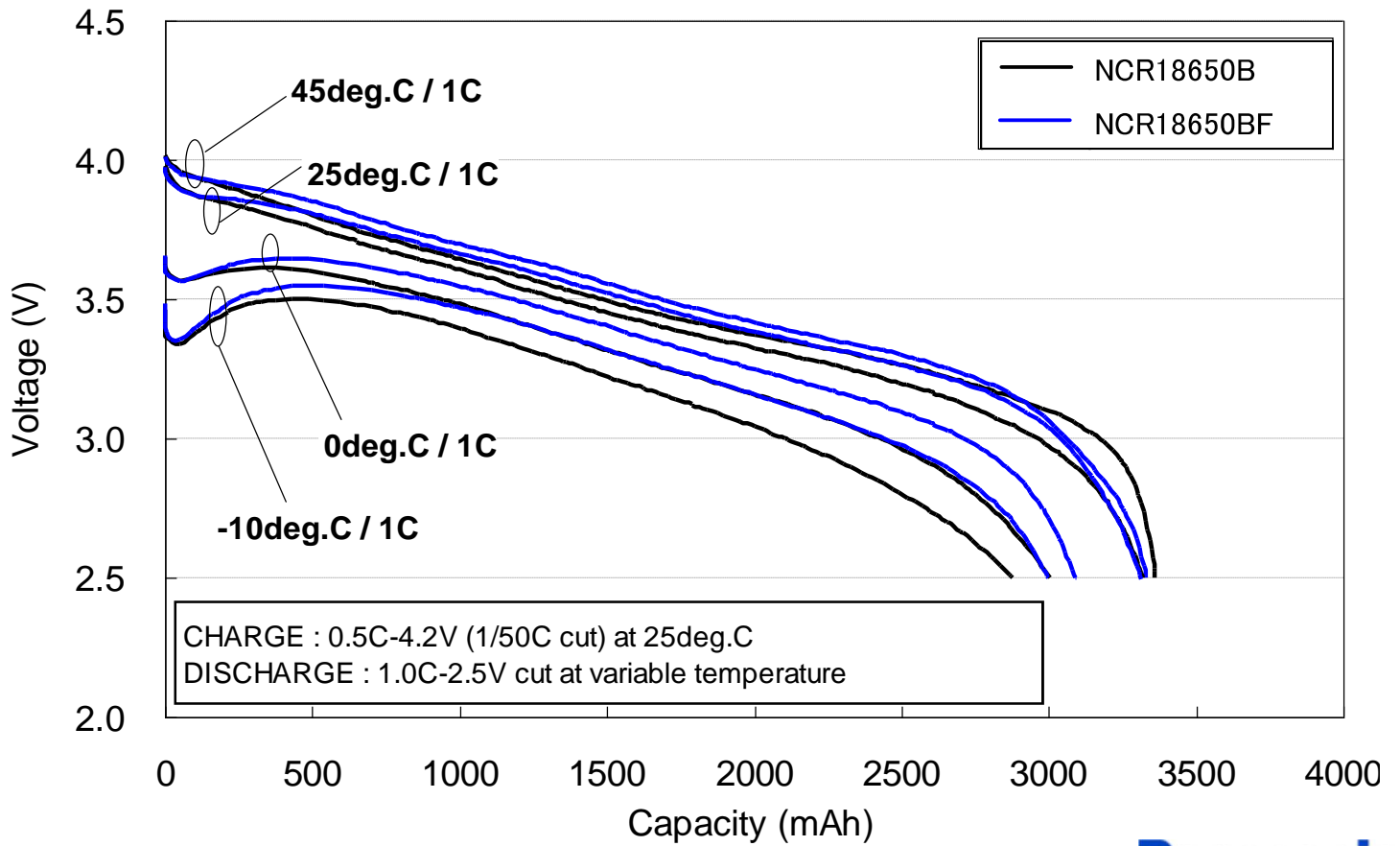
| | NCR18650B | NCR18650BF |
|-----------------------------------------------------|-----------------------|----------------------------------------------------------|
| Capacity (Typ.) | 3.35Ah / 12Wh | 3.35Ah / 12Wh ➔ Same |
| Charge voltage | 4.20V | 4.20V |
| Discharge voltage | 2.50V | 2.50V |
| Nominal voltage | 3.6V | 3.6V |
| Weight (Max.) | 47.5g | 46.5g (T.B.D.) |
| Cathode | NNP | High density NNP |
| Anode | High density graphite | High density graphite + SiO |
| Diameter (Max.) <small>※with tube</small> | 18.5mm | 18.5mm |
| Height (Max.) <small>※with tube</small> | 65.3mm | 65.3mm |

Charge Characteristics for NCR18650BF



Discharge Characteristics for NCR18650BF

Discharge Characteristics for NCR18650BF



Discharge Characteristics for NCR18650BF

Discharge Characteristics for NCR18650BF

