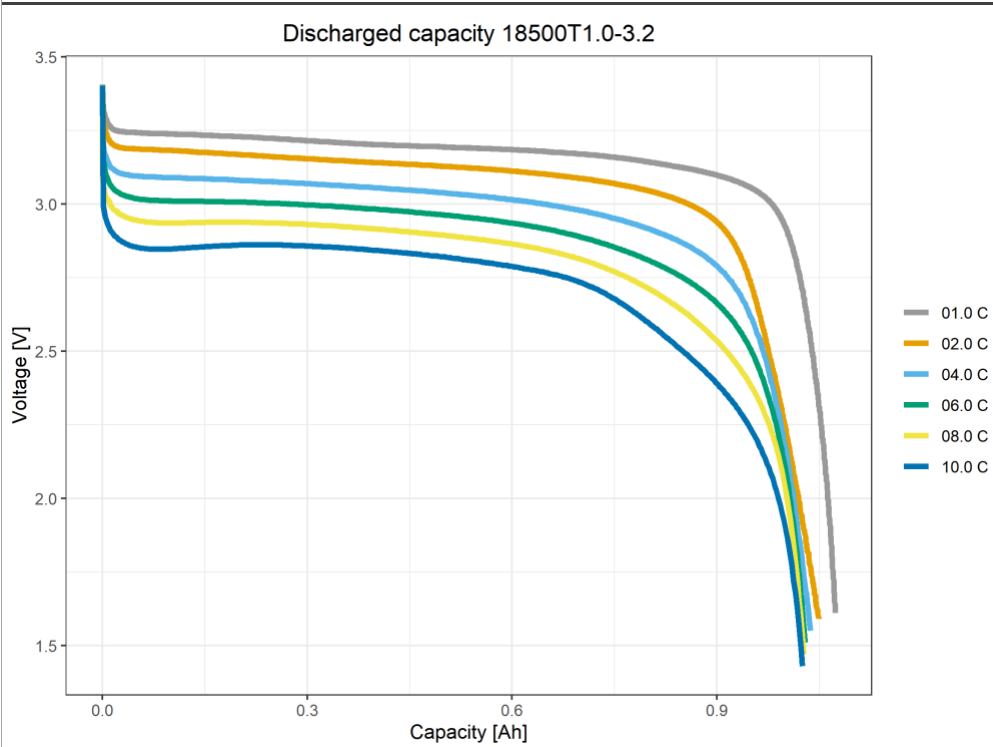


Carbon-based Power Capacitor Specifications

Cell type	18500T-10Ah32
Nominal capacity (discharged with standard profile <1C) \pm 5%	1,00 Ah
Rated capacity (discharging 50% max current till cut-off voltage)	0,95 Ah
Nominal energy (discharged with standard profile <1C)	3,20 Wh
Rated energy (discharging 50% max. current till cut-off voltage)	3,05 Wh
Nominal voltage	3,20 V
Max. recommended charging voltage	3,40 V
Max. float charging voltage **	3,30 V
Recommended cut-off voltage @ 1C	2,50 V
C Rating charging	3 C
C Rating discharging	10 C
Max. continuous discharging current	10 A
Max. sustained power capability	32,0 W
Equivalent max. resistance	20 m Ω
Dimensions L x W xH mm	18,6 x 18,6 x 50 mm
Recommended transportation voltage	3,10 V
Recommended storage voltage	3,10 V
Operating temperature	-20 to +70 $^{\circ}$ C
Storage temperature	-5 to +35 $^{\circ}$ C
Gravimetric energy density (cells)	100 Wh/kg
Volumetric energy density (cells)	236 Wh/dm ³
Cycles life at 25 $^{\circ}$ C	> 10000 cycles cycles
Retained energy after 28 days at 25 $^{\circ}$ C	> 10000 cycles %
Short circuit temperature	< 150 $^{\circ}$ C
Guarantee period (manufacturing)	12 months
Thermal heat at nominal current	0 W
Weight of cells	30 g

Fire Hazardous substances: Cells do not pose a fire or explosion risk.

Typical discharged capacity graph (tested at room temperature 25°C +/- 2 °C)



Typical discharged energy graph (tested at room temperature 25°C +/- 2 °C)

