



## Technical Data Sheet of CSIT cylinder sodium-ion battery

Cell Model	18650-1300mAh	18650-1400mAh	26700-3100mAh	26700-3400mAh	32140-10000mAh	32140-15000mAh
Nominal Voltage	3.10V					
Type	High Rate	High Capacity	High Rate	High Capacity	High Rate	High Capacity
Nominal Capacity	1300mAh	1400mAh	3100mAh	3400mAh	10Ah	15Ah
Energy Density	≥100Wh/kg	≥110Wh/kg	≥110Wh/kg	≥120Wh/kg	≥140Wh/kg	≥150Wh/kg
Volumetric Energy Density	≥240Wh/L	≥260Wh/L	≥250Wh/L	≥270Wh/L	≥280Wh/L	≥310Wh/L
Dimension	H*D=65.3*18.3mm	H*D=65.3*18.3mm	H*D=71*26.4mm	H*D=71*26.4mm	H*D=140.5*32.5mm	H*D=140.5*32.5mm
Inner Resistance	≤20mΩ	≤20mΩ	≤20mΩ	≤20mΩ	≤5mΩ	≤5mΩ
Weight	Appx. 30g	Appx. 30g	Appx. 82g	Appx. 82g	Appx. 250g	Appx. 250g
Cycle Life	≥3000 times	≥2000 times	≥3000 times	≥2000 times	≥3000 times	≥2000 times
Standard Charge Current	0.5C					
Standard Discharge Current	0.5C					
Max Con. Discharge Current	15C					
Pulse Discharge Rate	20C					
Shape	Cylindrical					
Charge Voltage	3.95±0.05V					
Discharge Cut-off Voltage	1.50±0.05V					
Working Voltage Range	2.0~4.0V					
Cathode Material	Sodium-ion					
Charge Method	CC/CV					
-20℃ Capacity retention	≥90%					
-40℃ Capacity retention	≥70%					
Charge Temperature	-10~45℃					
Discharge Temperature	-40~80℃					
Storage Temperature	Less than 1 year:-10~25℃; Less than 3 months:-10~40℃					