



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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TS518FE/TS621FE



FEATURES

- Low-voltage rechargeable
- High capacity
- Long cycle life: at least 1000 cycles (20% D.O.D.)
- RoHS Compliant

APPLICATIONS

Power backup for the clock function of small portable devices such as cellular and PHS phones

TS lithium rechargeable batteries are high capacity 1.5V type non-reflowable rechargeable batteries that provide sufficient discharge capacity with a charge voltage of less than 2.0V, and are intended for support of recent low-operating-voltage mobile devices.

SPECIFICATIONS

Type	Nominal Voltage (V)	Charge Voltage ^{*3} (V)	Nominal Capacity (Voltage Range V) (mAh)	Internal Impedance ^{*1} (Ω)	Standard Discharge Current (mA)	Cycle Life ^{*2} (Time)	Diameter (mm)	Height (mm)	Weight (g)
TS518FE	1.5	1.5 to 3.0	1.5 (1.5 to 1.0) 2.5 (1.8 to 1.0)	120	0.015	1000 (20% D.O.D.) 50 (100% D.O.D.)	5.8	1.8	0.12
TS621FE	1.5	1.5 to 3.0	4.2 (2.3 to 1.0)	80	0.015	1000 (20% D.O.D.) 50 (100% D.O.D.)	6.8	2.1	0.22

*1. Value measured using an AC (Alternating Current) method in the fully charged state.

*2. Counts of charge and discharge repetition that maintains about 50% of the minimum guaranteed capacity

*3. A constant voltage charge is recommended, but due to a limit in the charge current, it is necessary to insert a resistor to regulate the charge current.

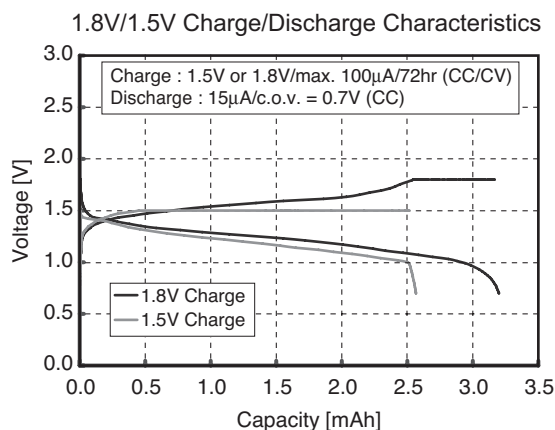
Please contact us for further details.

If a constant current charge is required, please contact us for more information.

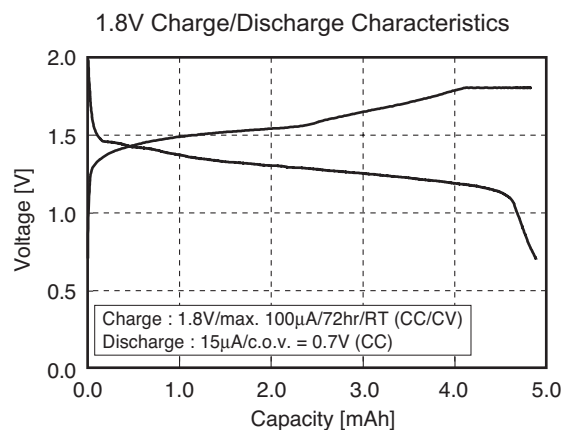
*4. D.O.D. : Depth of Discharge

CHARACTERISTICS

TS518FE



TS621FE



* c.o.v. : Cut Off Voltage