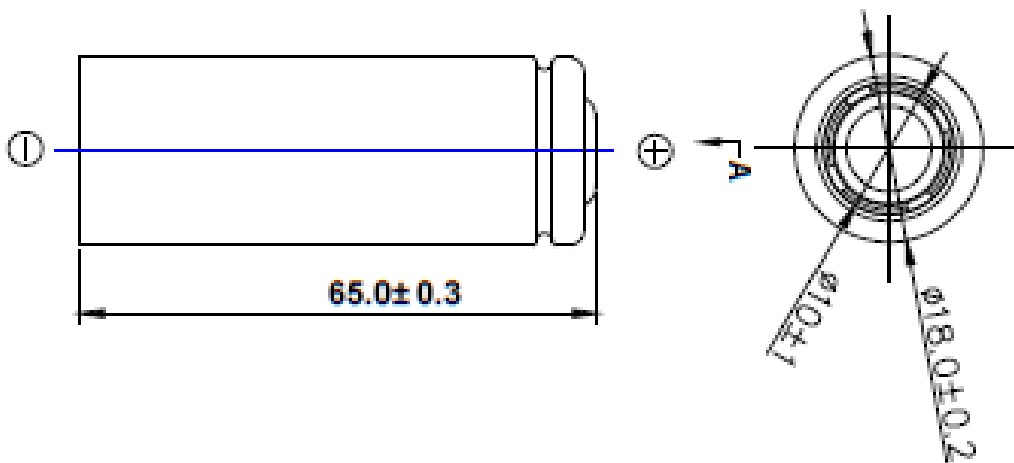


ITEM	SPECIFICATION
Chemistry	Li-FePO4
Nominal capacity (0.5 C)	1600 mAh
Minimum capacity (0.5 C)	1520 mAh
Nominal voltage	3.3 V
AC Impedance @ 1kHz	< 30 mΩ
Energy	5.28 Wh
Battery weight	40 g
CHARGE	
Standard charge method	CC/CV
Current	1 C max
Voltage	3.65 V
Cut-off current	0.01 C
Temperature range	0 to 55°C
DISCHARGE	
Maximum discharge current	4.8 A
Pulse discharge current	10A, 5s
Discharge cut-off	2.5 V
Cycle life	2000 (100 %DOD, the residual capacity is no less than 80 % of rated capacity at 1C rate)
Temperature range	-20°C to 60°C



Europe sales

TYVA ENERGIE

82 Montée des Aygas

07 100 Annonay

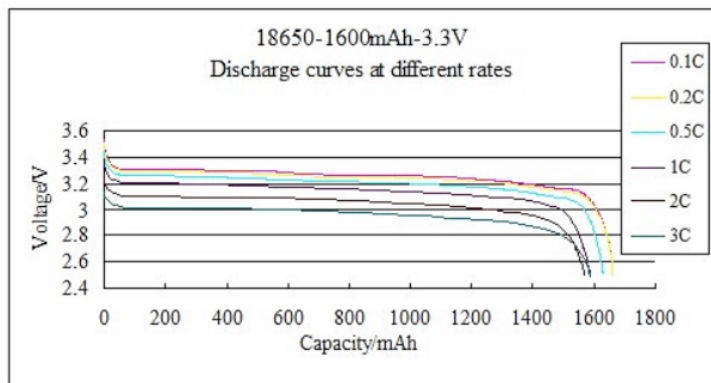
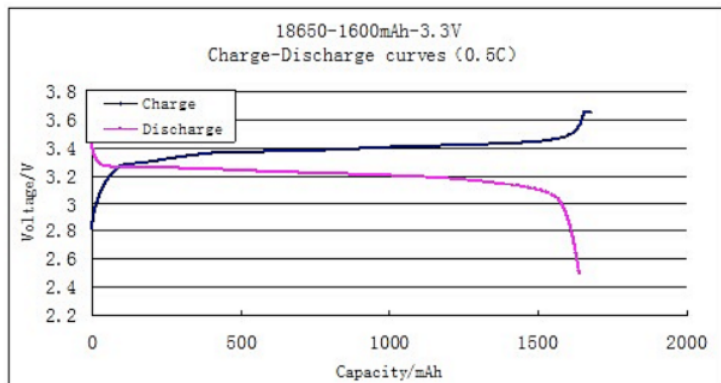
France

33 (0)4 26 30 80 79

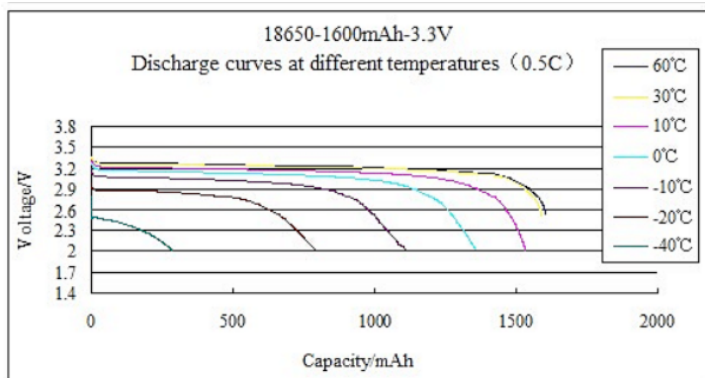
Email : tc@tyva-energie.com

Web site : www.tyva-energie.com

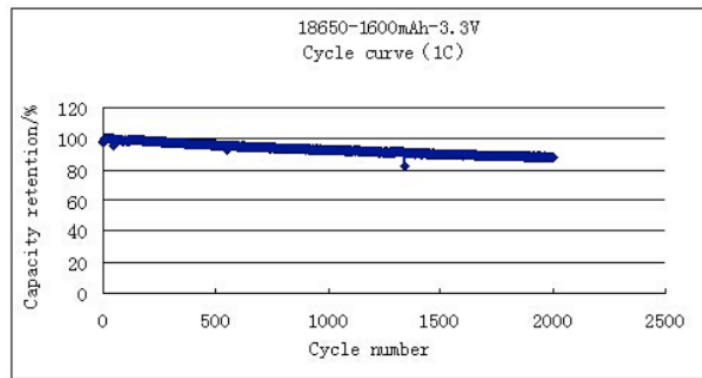
Charge-Discharge curves



Discharge / Temperatures



Cycle life



Europe sales

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Revision date : Sept 2015 v 1.0

FE1865-HE1-1600-3.2V Data sheet

Performance may vary depending on, but not limited to cell usage and application. If cell used outside specifications, performance will diminish. All specifications are subject to change without notice. All Information provided herein is believed, but not guaranteed, to be current and accurate.