

Appendix 1

Specifications of LiFePO₄ and UC cell

Table 3a. 1 Specifications of LiFePO₄ and UC cell

Specifications	LiFePO₄ Cell	UC cell	Units
Nominal Voltage	3.3	2.7	V
Nominal Capacity	2.5	N.A.	Ah
Internal Resistance	6	0.29	mΩ
Weight	0.076	0.51	Kg
Rated Capacitance	N.A.	3000	F
Energy Storage	8.25	3.04	Wh
Max. Charge Current	2200	--	mA
Max. discharge Current	5200	--	mA