Lithium Iron Phosphate (LiFePO4) Battery Specification

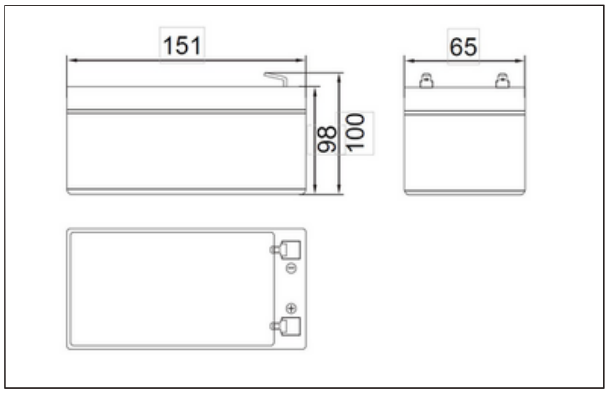
SLAUMXLI7-12(12.8V7AH)



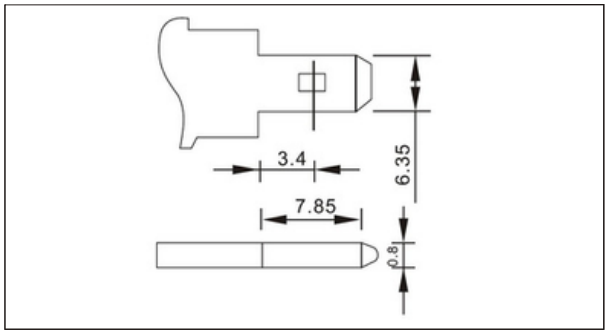
Specifications

Nominal Voltage		12.8V
Rated capacity (20hour rate)		7Ah
TotalHeight		100 mm (3.94inches)
Height DLimenegntshions		98 mm (3.70inches)
		151 mm (5.95inches)
Width		65 mm (2.56inches)
Weight Approx		0.98 Kg
Terminal		T2

Outer dimensions (mm)



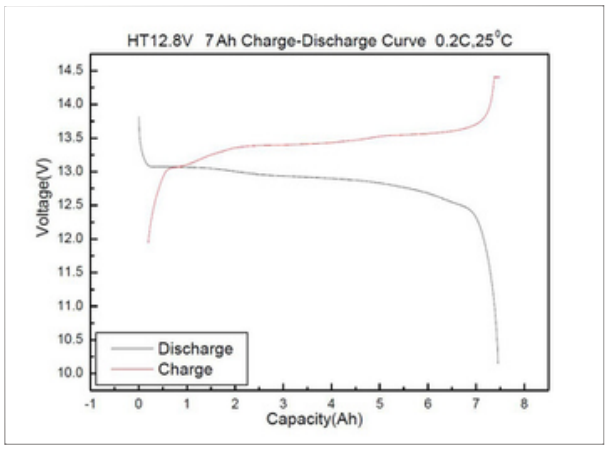
Terminal Type (mm)



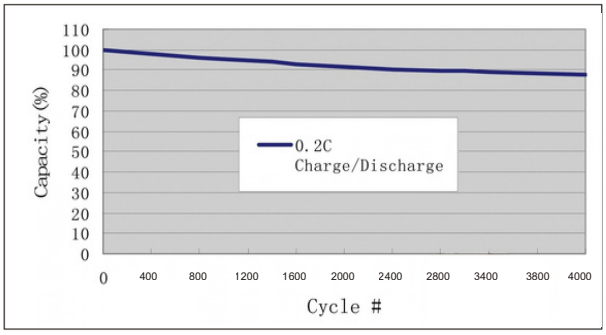
Characteristics

Capacity Retention		>80% at 28 days
Cycle Life		>80% at 1500 Cylces
1.5 hour discharge to 10.5V		2. 80 A
Internal Resistance		<60 mΩ
Charge Characteristics	Charge Voltage	14.6±0.1V
	Charger Current	<7A
Discharge Characteristics	Continuous Current	7A
	Maximum Pulse Current	15A(<3s)
	Discharge Cut-off Voltage	10V
Temperature	Charge Tempreture	0°C-45°C(32°F-113°F)
	Discharge Tempreture	-20°C-60°C(-4°F-140°F)
	Storage Tempreture	0°C-40°C(32°F-104°F)

Discharge Curves 25℃(77℉)



Cycle Life Characterisics



UltraMax Batteries Ltd, Watkins House Pegamoid Rd., Montagu Industrial Estate, London N18 2NG
Tel: 020 8803 8899 F: 020 8803 8939 E: sales@ultramax.co.uk W: www.ultramax.co.uk