



# LITE BLOX

high performance accumulator  
- LiFePO<sub>4</sub> / 12,8VDC / 1536Wh –



Abbildung ähnlich

version: 1.1

date: 04. 10. 2022



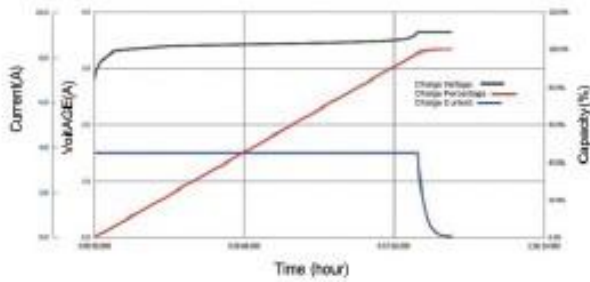
## specifications

	value	annotation
height [mm]	195	±1mm
width [mm]	175	±1mm
length [mm]	355	±1mm
weight [g]	136XX	± 2%
voltage (nominal) [V]	12,8	
voltage discharge / charge (maximum) [V]	10 / 14,4	
voltage (end of charge) [V]	14,4	
current charging (recommended) [A]	7 / 20	charger LB100 / LB300
current charging (max) [A]	120	
current discharging (continuous) [A]	120	
current discharge (5s pulse) [A]	300	
capacity (nom / Pb-eq) [Ah]	120 / 200 - 300	
cell chemistry	LiFePO4	
cell type	HDCF	
cell configuration	4s30p	
total cell pack impedance [mOhm]	2,7	
protection class	IP65	
temperature range for use [°C]	(- 25°C) – (+ 65°C)	
temperature range storage [°C]	(0°C) – (+ 55°C)	

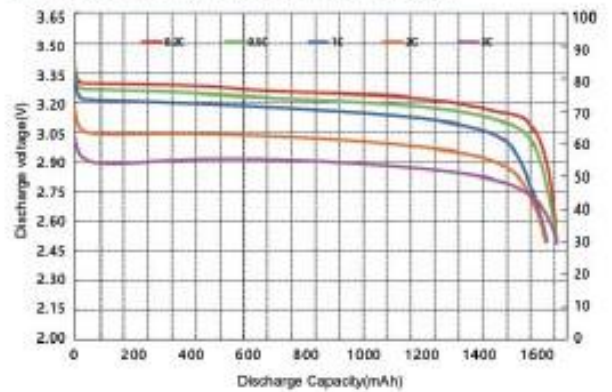


# cell overview

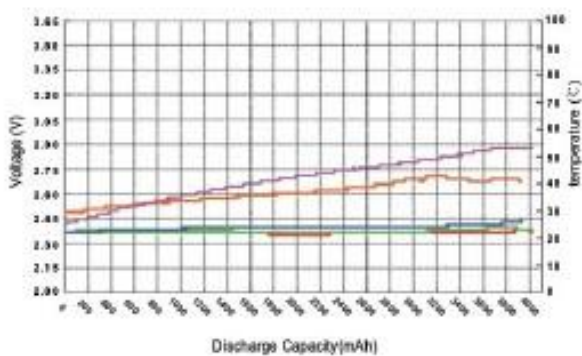
## Charge Characteristics Curve



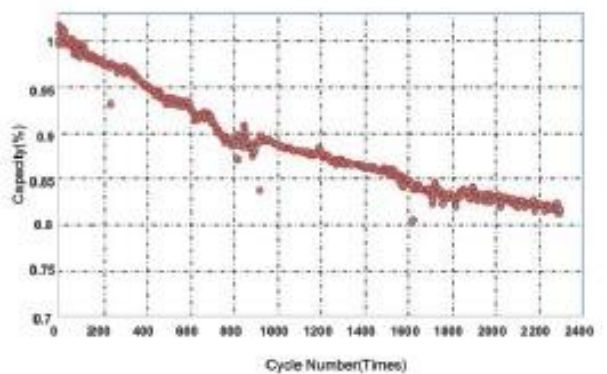
## Discharge Curves at Different Rate



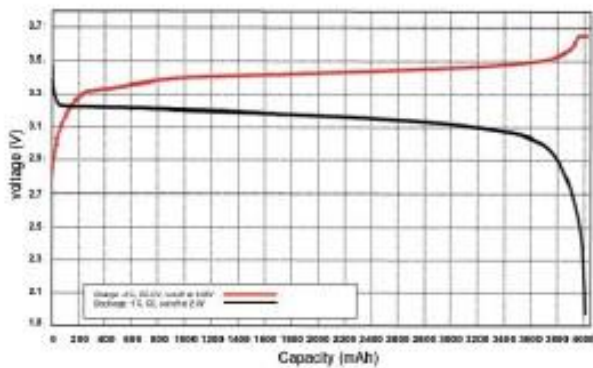
## Discharge Curves at Different Temperatures



## Cycle Curve



## Charge & Discharge Curve



## Self Discharge Curve

