



# LITE BLOX

high performance accumulator  
- LiFePO4 / 12,8VDC / 1792Wh -



version: 1

Abbildung ähnlich

date: 23. 02. 2023



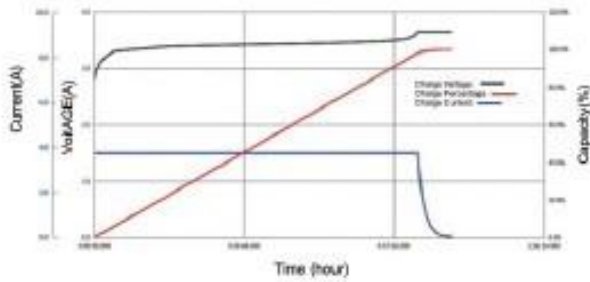
## specifications

	value	annotation
height [mm]	195	±1mm
width [mm]	175	±1mm
length [mm]	394	±1mm
weight [g]	180XX	Approx.
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 @ 0 - 45°C) [A]	140	
current charging (max @ -10°C) [A]	28	
current charging (max @ -20°C) [A]	14	
current discharging (continuous) [A]	420	
current discharge (5s pulse) [A]	700	
capacity (nom / Pb-eq) [Ah]	140 / 280	
cell chemistry	LiFePO4	
cell type	HDCF	
cell configuration	4s35p	
total cell pack impedance [mOhm]	2,3	
protection class	IP65	
temperature range for usage regarding charge limitation [°C]	(- 25°C) – (+ 60°C)	

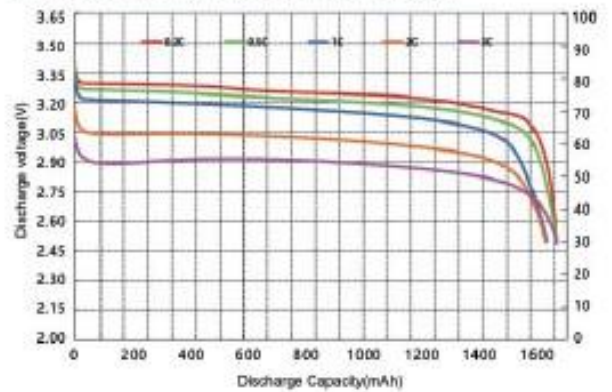


# cell overview

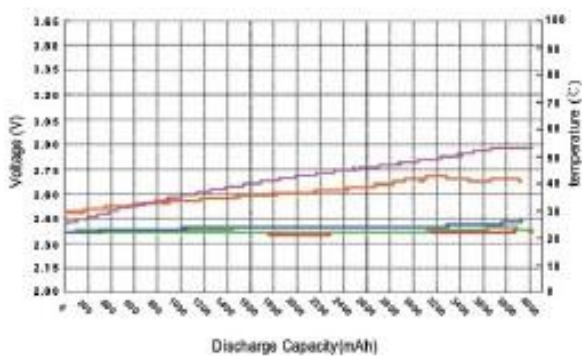
## Charge Characteristics Curve



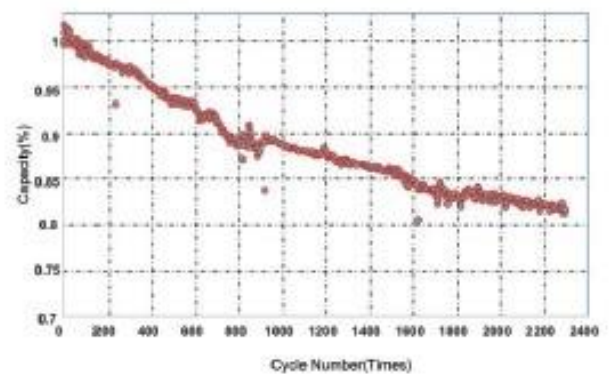
## Discharge Curves at Different Rate



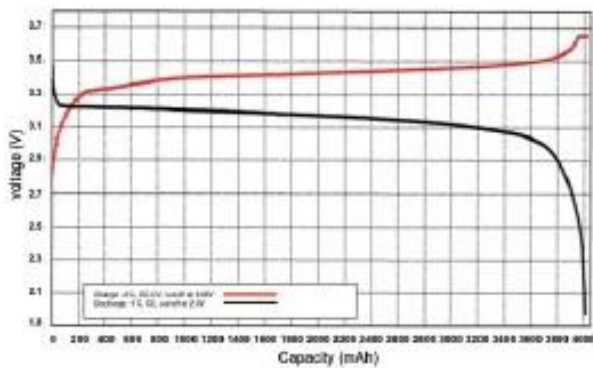
## Discharge Curves at Different Temperatures



## Cycle Curve



## Charge & Discharge Curve



## Self Discharge Curve

