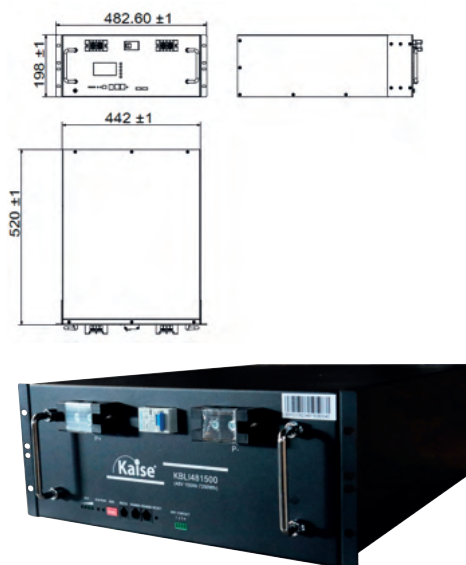


Features

- Good high temperature performance
- High cycle times and long service life
- Safe Lithium Iron Phosphate Technology
- Thousands of cycles, under normal conditions
- High energy density and conversion efficiency
- Environmental Friendly, without any heavy metals
- Complete with Battery Management System built-in
- Can use most standard VRLA chargers for this system
- Low self-discharge rate of 2 years before required recharging
- Easy installation, can be in 19-inch standard cabinet or be wall-mounted
- Built-in automatic protection for over-charge, over-discharge & over-temperature conditions.



Characteristics

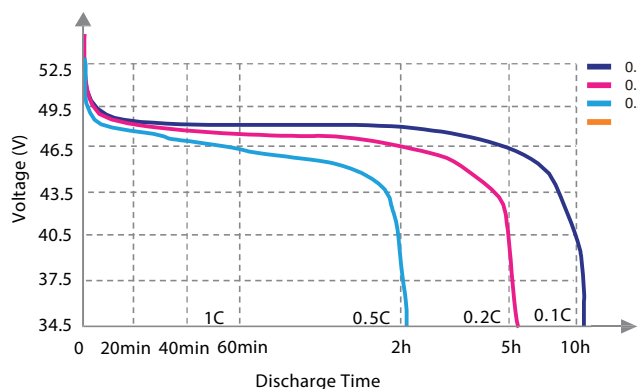
Item	Specifications
Model	KBLI481500
Rated capacity (5HR)	150 AH
Energy	7200Wh
Nominal voltage	48.0V
Discharge ending voltage	40.5V
Charging limited voltage	54.0V
Max. Charging current	100A
Max. Continue discharging current	100A
Weight	Approx. 59Kg
Display	Without a display screen
Parallel connection	Parallel connection is optional (up to 15P) with active current limiter is 40Amps
Dimensions (WxDxH) mm (inches)	442 (17.40") * 520 (20.47") * 198 (7.80")
Cell type	3.2V 150Ah
Design life	More than 15 years
Cycle life	More than 6000 cycles at 80% DOD (25°C)
IP class	IP30
Communication	RS232, RS485, SNMP
Operating temperature	Charging: 0 to +55°C Discharging: - 20 to +60°C Storage: - 20 to +60°C

Discharge data

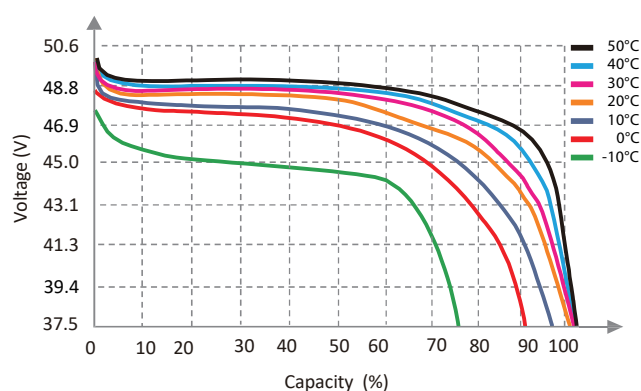
Constant Current Discharge Table (Amperes) at 25°C						
Model	Voltage Time	1.5h	3h	5h	7.5h	10h
KBLI481500	End of discharge voltage 40.5 V	100A	50A	30A	20A	15A

Constant Power Discharge Table (Watts) at 25°C							
Model	Voltage	Time	1.5h	3h	5h	7.5h	10h
KBLI481500	End of discharge voltage 40.5 V		4800W	2400W	1440W	960W	720W

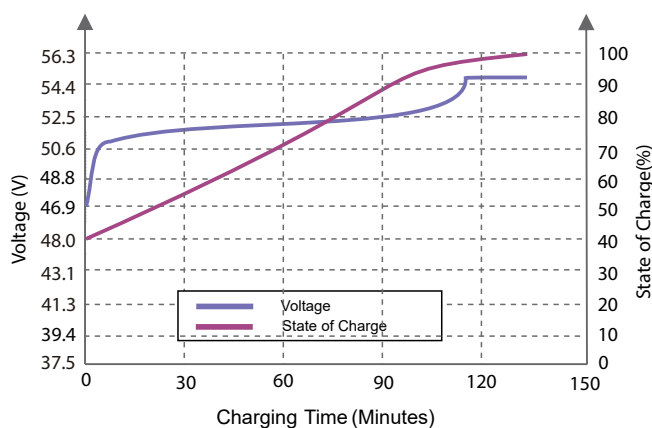
Different Rate Discharge Curve(25°)



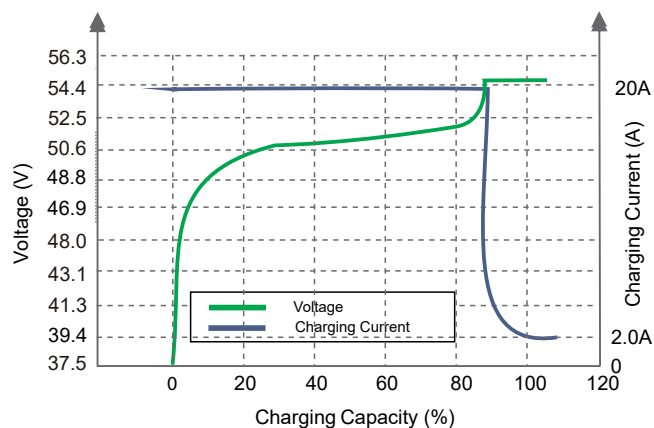
Different Temperature Discharge Curve(0.5C)



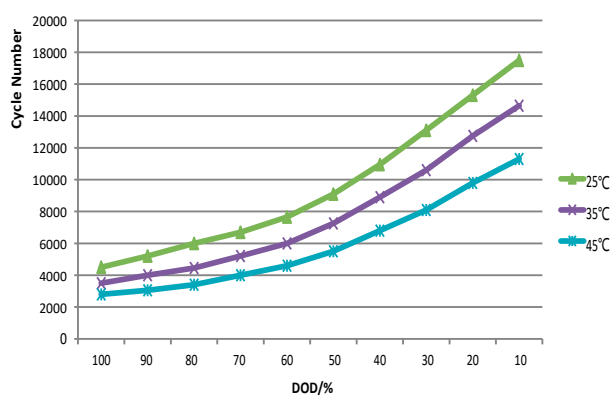
State of Charge Curve(0.2C, 25°C)



Charging Characteristics(0.2C, 25°C)



Cycle life curve under different DOD and temp conditions



Different Temperature Self Discharge Curve

