

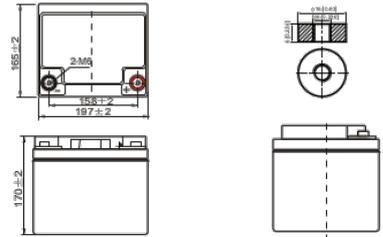
24V40AH @ 0.2C5A

Rekoser Lithium (LiFePO4) Battery

Rekoser Lithium (LiFePO4) battery. Lithium Iron Phosphate (LiFePO4) Battery offers up to 20 times longer cycle life and five times longer float/calendar life than lead acid battery. About 40% of the weight of a comparable lead acid battery. RKL is a 'drop in' replacement for lead acid batteries. BMS built-in.



- Complied standards**
- IEC 60896-21/22
 - JIS C8704
 - GB/T19639



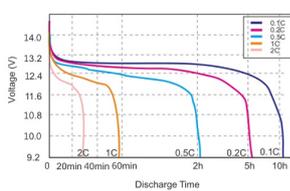
SPECIFICATIONS	
Nominal Voltage	24V
Capacity (25°C)	40AH @ 0.2C5A
Energy	960Wh
Internal Resistance	≤4 m Ω
Cycle Life	>2000 cycles @1C 80%DOD
Self Discharge	3% of capacity declined per month at 25°C
Efficiency of Charge	100% @0.5C
Efficiency of Discharge	96~99% @1C
Charge Voltage (25°C)	29,2V±0.2V
Charge Mode	Standard 10A×4hrs Quick 20A×2hrs
Max. Charge Current	40A
Charge Cut-off Voltage	20V±0.2V
Continuous Discharge Current	40A
Max. Discharge Current	80A(<3s)
Discharge Cut-off Voltage	8V
Charge Temperature	0 °C to 45 °C (32F to 113F) @60±25% Relative Humidity
Discharge Temperature	-20 °C to 60 °C (-4F to 140F) @60±25% Relative Humidity
Storage Temperature	0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity
Water Dust Resistance	IP56

DIMENSIONS	
Dimensions	270x250x200(200)
Approx. Weight	13

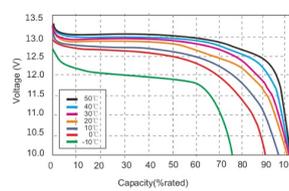
CONSTRUCTION	
Cell (Method)	26650 (4S13P)
Case	ABS
Terminal Type	M8
Protocol (optional)	SMBus/RS485/RS232
SOC (optional)	LED

GRAPHICS

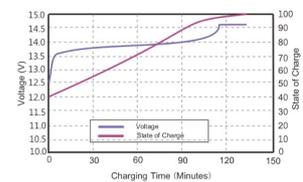
RATE DISCHARGE CHARACTERISTICS 25°C



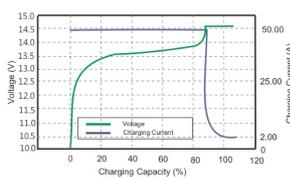
TEMPERATURE DISCHARGE CHARACTERISTICS 25°C



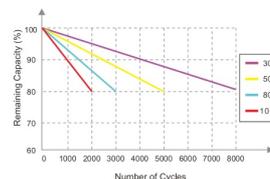
STATE OF CHARGE CURVE



CHARGING CHARACTERISTICS



CYCLE LIFE CURVE



SELF-DISCHARGE CHARACTERISTICS

