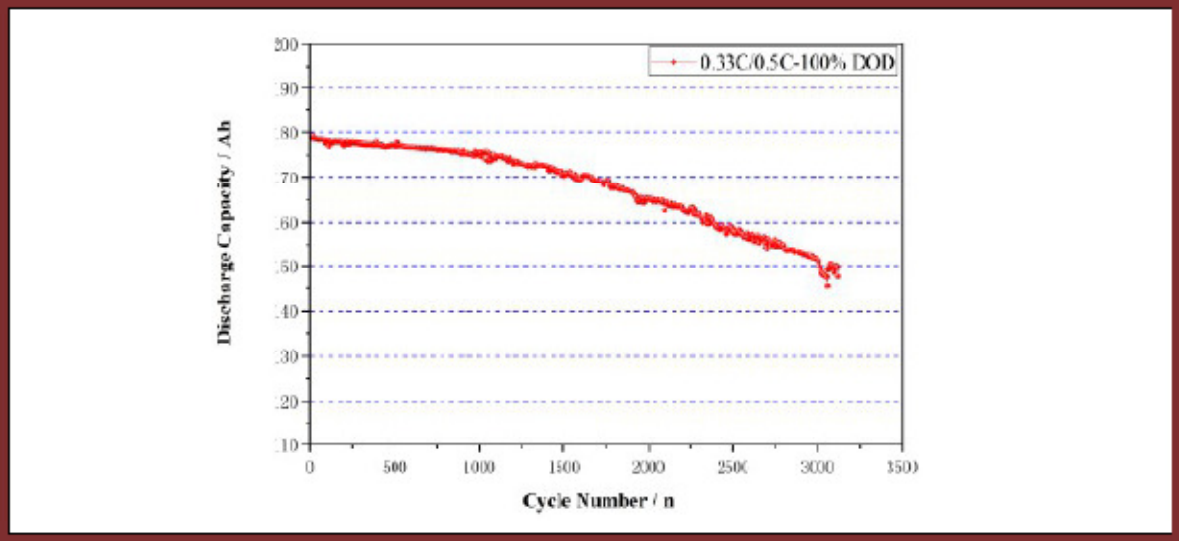
SETSOLAR
Renewable Energy Solutions

NOMINAL SPECIFICATIONS

		Series Connection
Nominal Voltage (V)	25.6	(2x25.6) 51.2
Capacity (Ah)	202	202
Energy (kWh)	5.17	10.34
Storage	Charge every 6 months	

PRODUCT DIMENSIONS AND WEIGHT

Lenght (mm)-BMS	280
Width (mm)-BMS	482.8
Height (mm)-BMS	41.8
Weight (mm)-BMS	3.6
Lenght (mm)-Battery	485±3
Width (mm)-Battery	318.5±3
Height (mm)-Battery	183±3
Weight (mm)-Battery	37



BACK UP AT VARIOUS AMPERAGES

2h	100A (0.5C)
4h	50A (0.25C)

ELECTRICAL SPECIFICATIONS

Voltage window (V)	47.2 ~ 57.6
Max Continuous Charge Current (Amps)	100
Max Discharge Current (Amps)	100
Max Output Power (W)	5120
Recharge Time (Hours)	2
Nominal Voltage	51.2
Capacity (Ah)	202

OPERATING CONDITIONS

Lifetime @ 25°C	10+ years
Cycle life (90% DOD @ 25°C)	3650 Cycles
Operating temperature	Charge :0~+45°C; Discharge:-20~+55°C;
Transport regulation compliance	UN3840
Storage temperature	**Short term storage:** -10~+30°C (< 3 months, SOC: 20%~60%) **Long term storage:** 0~+30°C (< 1 year, SOC: 30%~60%)
Warranty	10yrs or 3650 cycles at 1 cycle per day (whichever arrives first)