

## Lithium Block®

### Modular Lithium Battery Block

Configuration	1S10P	
Capacity	35Ah	
Parallel at Module Level	No Limit*	
Voltage	Nominal	3.6V
	Charge	4.2V
	Discharge	2.5V
Charge	Standard	25A
Current	Maximum	50A
Discharge Current	Maximum	200A for 10s

### Physical Characteristics

Shape	Prismatic	
Dimensions	D	0.985 in
	W	3.15in
	H	8.61in
Weight	592g	
Materials	Fire Retardent Glass Filled ABS	
Protection	Individual Cell Fusing Individual Cell Temp Monitoring	

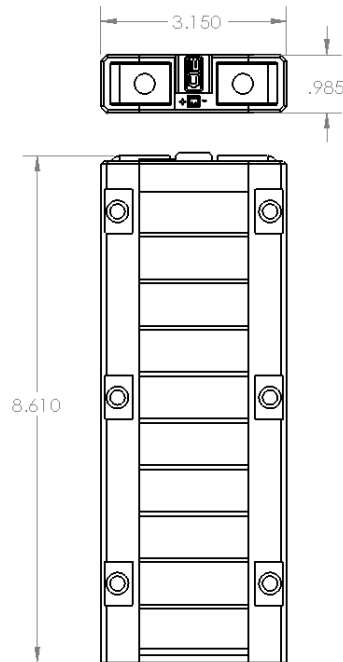
\*Depending on Configuration

Specs are based on Molicel INR-18650-M35A

The Lithium Block® battery is the core component of a modular energy storage system. Lithium Block® systems can be sized for power output and voltage and configured to fit almost any application with ease.

The Lithium Block® interfaces with any BMS and features individual cell fusing and optional individual cell temperature monitoring.

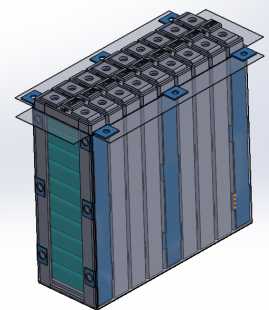
Lithium Block® standard or custom brackets can interface with a variety of enclosures for easy



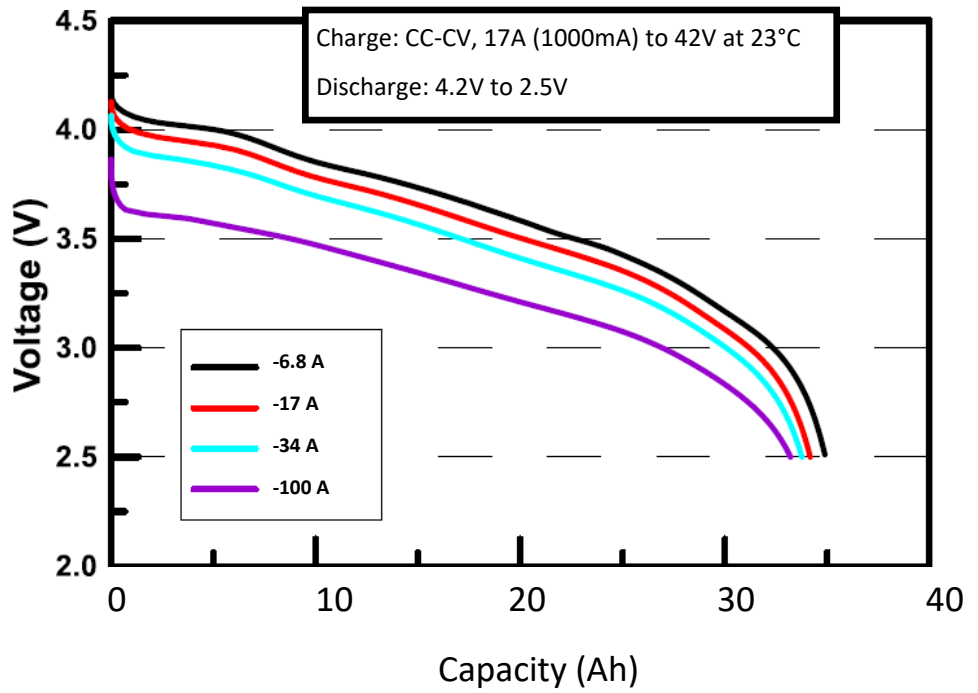
1S 10P Module



Snap Lock interconnect covers for touch safe operation

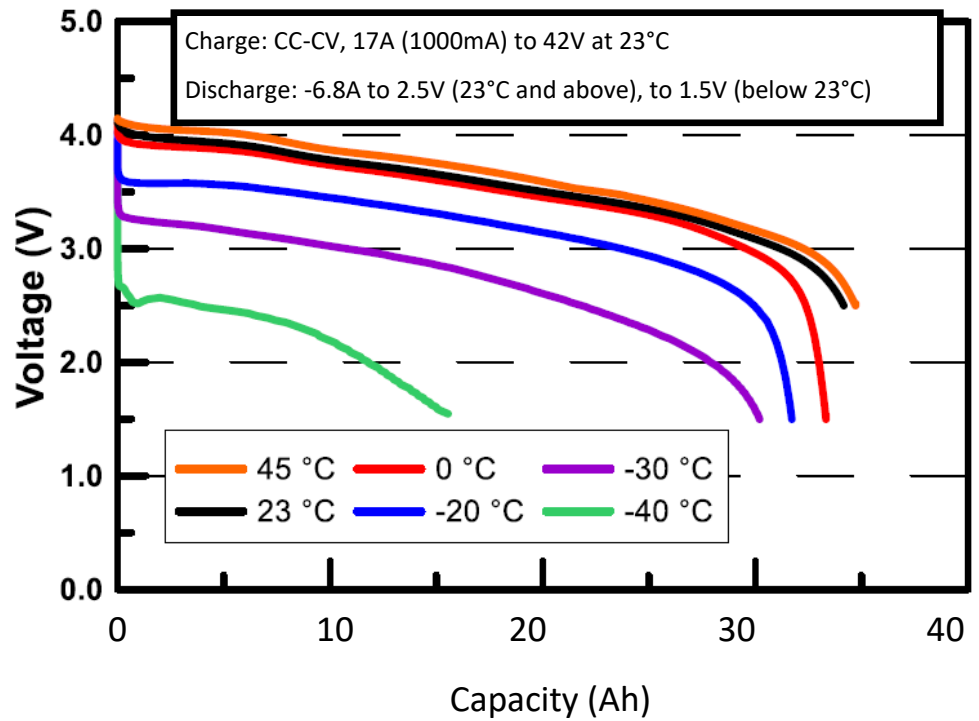


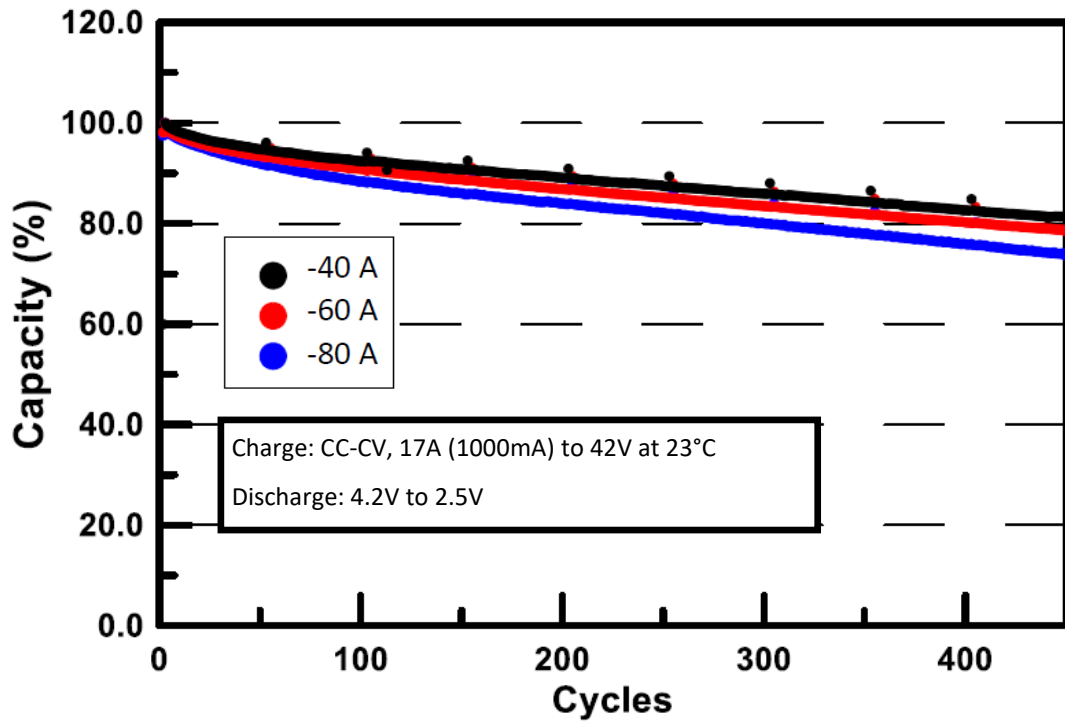
Rate	Capacity Ah	Max Temp Deg C
C/5	35	25
C/2	34	29
C	33.7	34
-100A	33.2	61



Temp Deg C	Capacity Ah
-40	20
-30	30.1
-20	31.6
0	33.4
23	35
45	35.3

\*: 1.5V LCV





Important note on cycle life: By limiting charge to 4.15 V and discharge to 2.75 V cycle life can be increased significantly. Charge cycles up to 5000 are possible when limited correctly.