

Overview

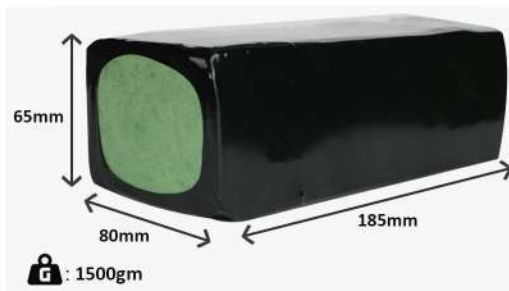
The 24v 10Ah rechargeable lithium ion battery from Wattnine is designed to provide high energy density.

Features

- High energy density.
- Equipped with Smart Battery Management System.
- Long cycle life.
- Excellent safety & performance.



Dimension and Weight

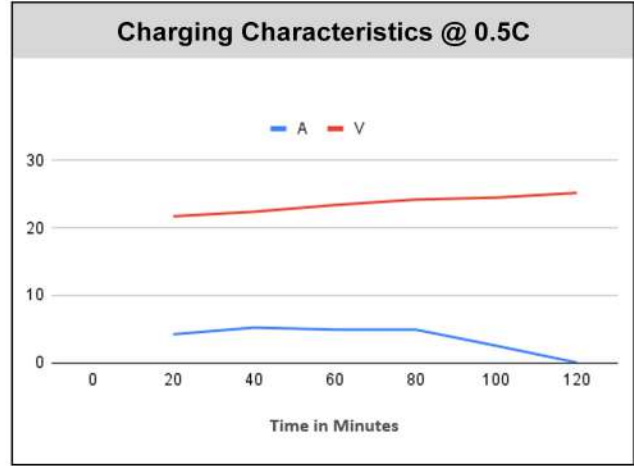
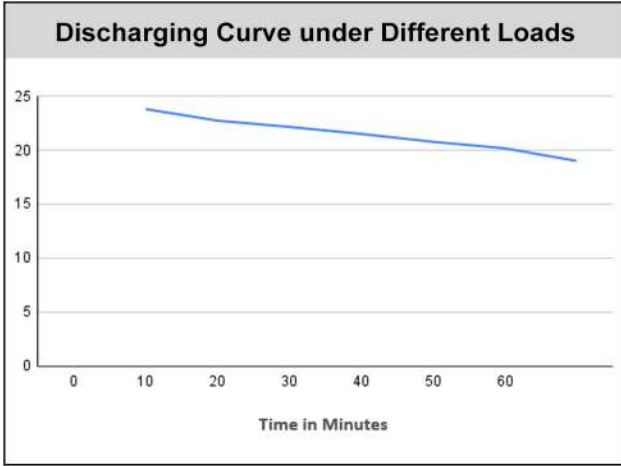


Discharging (XT-60 Connector Female)



Battery Specification :

Nominal Characteristics	
Nominal Voltage /V	24V
Nominal Capacity /Ah (25°C, 0.2C)	≈10Ah
Operating Voltage Range	19.2V-25.2V
Pack Characteristics	
Design	6S2P
Cell type/ Chemistry	26700/ NMC
Mechanical Characteristics	
Weight	1.5KG
Dimensions (LxWxH)	185 x 80 x 65 mm
Charging/Discharging Connector	XT-60 Connector
Charging Characteristics	
Charge Voltage	25.2V
Max. Continues Charge Current	5A
Charging Duration	≈120Mins
Discharging Characteristics	
Max Voltage	25.2V
Min Voltage	19.2V
Max. Continues Discharge Current	10A



BMS - Battery Management System:

Protection		Range	Units
Over Charge	Trigger Voltage	4.25	V
	Release Voltage	4.05	V
	Delay Time	80	ms
Over Discharge	Trigger Voltage	2.40	V
	Release Voltage	3.0	V
	Delay Time	40	ms
Over Current	Trigger Current	7	A
	Delay Time	40	ms
Balancing Function	NA		
Short Circuit	Delay	500	µs
	Manual Reset	Connect Power Source to Reset	
Thermal Protection	High Temperature	NA	
	Low Temperature	NA	