



# HIGH QUALITY LITHIUM BATTERY ABS COMPACT

HIGH MECHANICAL PERFORMANCE  
LONG LIFETIME  
CYCLES 6000

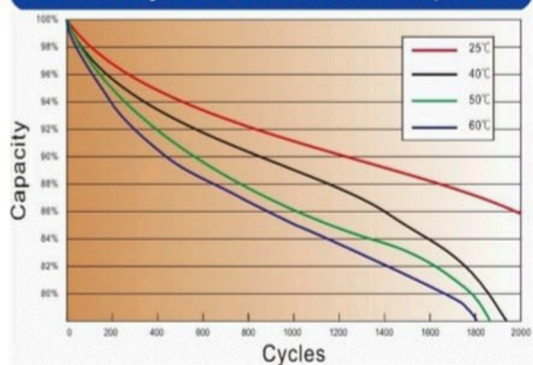


BELONGS TO NATURE

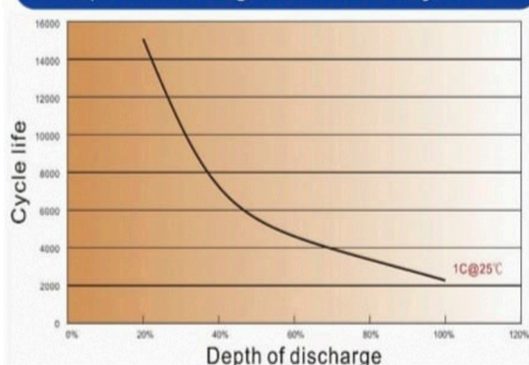


Application	Model	Size (mm)	Weight	Max Output	Comms Protocol	Optional Functions	Max Connection	Lifespan	Box Material	Ingress Protection
RV / Motorhome	12.8V 54Ah	229×138×230	6 kg	50A	RS485	Bluetooth, Heater, GPS, Charger	4S1P / 1S4P	6000+ cycles (80% DOD)	ABS	IP65
	12.8V 105Ah	330×171×220	12.4 kg	100A	RS485	Bluetooth, Heater, GPS, Charger			ABS	IP65
	12.8V 210Ah	522×238×221	20.1 kg	200A	CAN	Bluetooth, Heater, GPS, Charger			ABS	IP65
	12.8V 310Ah	522×268×223	28.5 kg	200A	LIN	Bluetooth, Heater, GPS, Charger			ABS	IP65
	12.8V 420Ah	628×283×168	41 kg	200A					ABS	IP65
	12.8V 630Ah	688×320×283	62 kg	200A					Metal	IP55
AGV / AMR	25.6V 30Ah	260×168×212	8 kg	30A	RS485	Bluetooth, Heater, GPS, Charger		6000+ cycles (80% DOD)	ABS	IP65
	25.6V 54Ah	330×171×220	12.4 kg	50A	CAN	Bluetooth, Heater, GPS, Charger			ABS	IP65
	25.6V 105Ah	522×268×223	28.5 kg	100A	LIN	Bluetooth, Heater, GPS, Charger			ABS	IP65
	38.4V 45Ah	405×280×200	27.5 kg	50A					Metal	IP55
	38.4V 105Ah	515×325×245	40 kg	100A					Metal	IP55

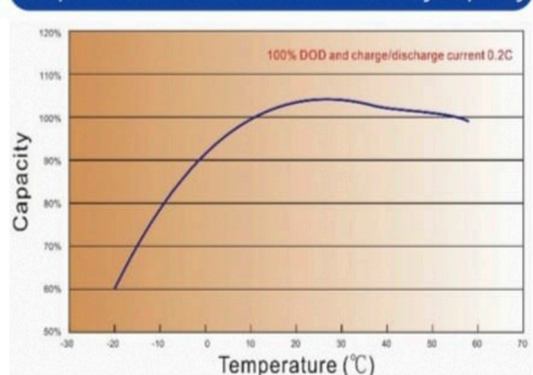
100% DOD Cycle Curves at Different Temperature



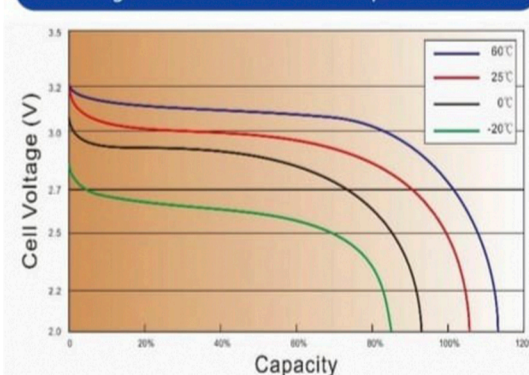
Depth Of Discharge In Relation To Cycle Life



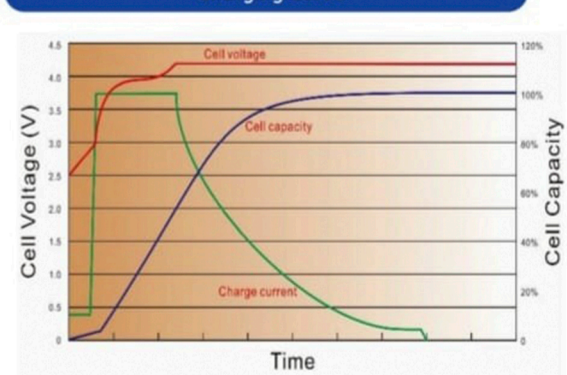
Temperature Effect In Relation To Battery Capacity



Discharge Curve At Different Temperature ( 1C )



Charging Curve



Discharge Capacity In Relation To Discharge Voltage

