



Lithium Ion Batteries

Battery Name	Lithium Ion Batteries
Model Name	VT-12040-1
SKU No	12715
Colour	Grey
Rated capacity (Ah)	200
Nominal voltage (V)	51.2
Nominal Energy(Kwh)	10.24
Standard Charge Current (A)	90
Standard Discharge Current (A)	90
Maximum continuous charge current (A)	100
Maximum continuous discharge current (A)	100
Communication	CAN
Internal resistance (in Ω)	16m Ω
Dimension(D*W*H)	460x265x800mm
Protection Level	IP65
Charge temperature Range ($^{\circ}$ C)	0 ~ 60
Discharge temperature Range ($^{\circ}$ C)	-20 ~ 60
Standard Charge Voltage (V)	57.6
Upper limit Charging Voltage (V)	57.6
End-of-discharge Voltage (V)	43.2
Structure	16 series & 1 parallel
Bar code	3800170260658
Recommend charging method declared by the manufacturer	Charge the battery at constant current 90A until voltage reaches 57.6V, then charge at constant voltage 57.6V till charge current is 10.3A