



Lithium Ion Batteries

Battery Name	Lithium Ion Batteries
Model Name	VT-14033
SKU No	12713
Colour	White
Rated capacity (Ah)	280
Nominal voltage (V)	51.2
Nominal Energy(Kwh)	14.33
Standard Charge Current (A)	130
Standard Discharge Current (A)	130
Maximum continuous charge current (A)	140
Maximum continuous discharge current (A)	140
Communication	CAN
Internal resistance (in Ω)	16m Ω
Dimension(D*W*H)	660x154x900mm
Protection Level	IP20
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
Cycle Life	$\geq 8000@25^{\circ}\text{C}$ DOD90%
End of Life	$\geq 8000@25^{\circ}\text{C}$ EOL80%
Structure	16 series & 1 parallel
Bar code	3800170260665
Recommend charging method declared by the manufacturer	Charge the battery at constant current 130A until voltage reaches 57.6V, then charge at constant voltage 57.6V till charge current is 14A