

Lithium Ion Batteries



Battery Name	Lithium Ion Batteries
Model Name	VT-48280
SKU No	12230
Rated capacity (Ah)	280
Nominal voltage (V)	51.2
Nominal Energy(Kwh)	14.33
Standard Charge Current (A)	140
Standard Discharge Current (A)	140
Maximum continuous charge current (A)	150
Maximum continuous discharge current (A)	150
Communication	CAN
Internal resistance (in Ω)	18m Ω
Dimension(W*D*H)	500*260*842mm
Protection Level	IP20
Charge temperature Range ($^{\circ}$ C)	0 ~ 55
Discharge temperature Range ($^{\circ}$ C)	-20 ~ 60
Standard Charge Voltage (V)	58.4
Upper limit Charging Voltage (V)	58.4
End-of-discharge Voltage (V)	43.2
NW(Kg)	124.1
Structure	16 series & 1 parallel
Bar code	3800170226395
Recommend charging method declared by the manufacturer	Charge the battery at constant current 140A until voltage reaches 58.4V, then charge at constant voltage 58.4V till charge current is 14A