

# V-TAC

Meaningful Innovation.

## Lithium-ion Batteries



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	Model: <b>VT-12040-1</b> SKU Code: <b>11447-1</b> EAN Code: <b>3800170226890</b>	Model: <b>VT-48280</b> SKU Code: <b>12230</b> EAN Code: <b>3800170226395</b>
Rated capacity (Ah)	200	280
Nominal voltage (V)	51.2	51.2
Nominal Energy(Kwh)	10.24	14.33
Standard Charge Current (A)	90	140
Standard Discharge Current (A)	90	140
Maximum continuous charge current (A)	100	150
Maximum continuous discharge current (A)	100	150
Communication	CAN	CAN
Internal resistance (in $\Omega$ )	16m $\Omega$	18m $\Omega$
Dimension(W*D*H)	458*265*805mm	500*260*842mm
Protection Level	IP20	IP20
Charge temperature Range (°C)	0 ~ 55	0 ~ 55
Discharge temperature Range (°C)	-20 ~ 60	-20 ~ 60
Standard Charge Voltage (V)	58.4	58.4
Upper limit Charging Voltage (V)	58.4	58.4
End-of-discharge Voltage (V)	43.2	43.2
NW(Kg)	95.8	124.1
Structure	16 series & 1 parallel	16 series & 1 parallel
Recommend charging method declared by the manufacturer	Charge the battery at constant current 90A until voltage reaches 58.4V, then charge at constant voltage 58.4V till charge current is 10.3A	Charge the battery at constant current 140A until voltage reaches 58.4V, then charge at constant voltage 58.4V till charge current is 14A