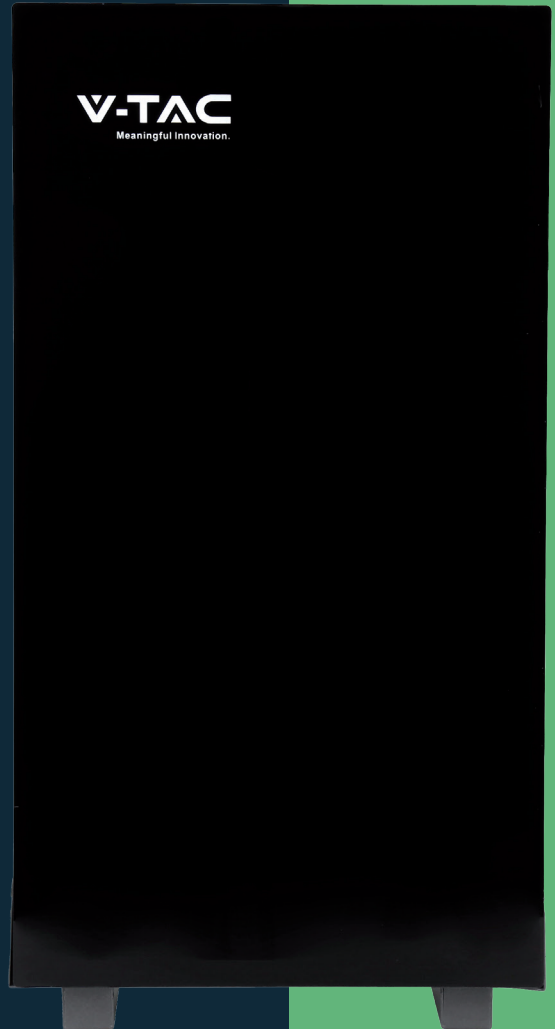
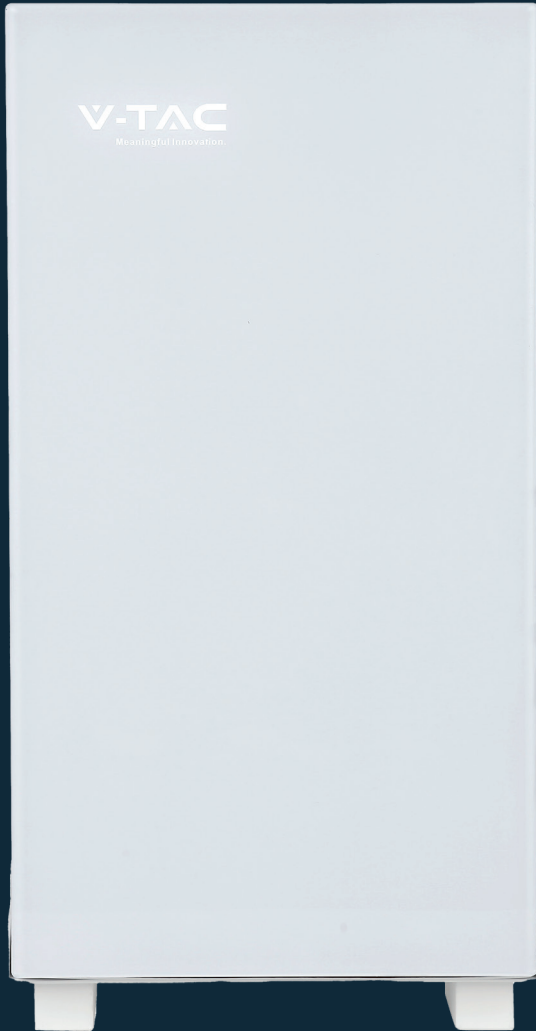


# V-TAC

Meaningful Innovation.



## Lithium Ion Batteries

5.12kWh

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10.24kWh

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14.33kWh

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**10** YEAR  
WARRANTY

# 5.12kWh

**WHITE BODY**

SKU Code: **12278**  
EAN Code: **3800170227743**

**BLACCK BODY**

SKU Code: **12281**  
EAN Code: **3800170227774**



**MAIN PARAMETER**

Rated capacity (Ah)	100
Nominal voltage (V)	51.2
Nominal Energy(Kwh)	5.12
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 $\Omega$ )	18m $\Omega$
Dimension(D*W*H)	400*163*710mm
Protection Level	IP20
Charge temperature Range (°C)	0 ~ 55
Discharge temperature Range (°C)	-20 ~ 60
Standard Charge Voltage (V)	58.4
Upper limit Charging Voltage (V)	58.4
End-of-discharge Voltage (V)	43.2
Structure	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

# 10.24kWh

**WHITE BODY**

SKU Code: **12279**  
EAN Code: **3800170227750**

**BLACCK BODY**

SKU Code: **12282**  
EAN Code: **3800170227781**



**MAIN PARAMETER**

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 $\Omega$ )	16m $\Omega$
Dimension(D*W*H)	420×237×775mm
Protection Level	IP20
Charge temperature Range (°C)	0 ~ 55
Discharge temperature Range (°C)	-20 ~ 60
Standard Charge Voltage (V)	58.4
Upper limit Charging Voltage (V)	58.4
End-of-discharge Voltage (V)	43.2
Structure	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

# 14.34kWh

**WHITE BODY**

SKU Code: **12280**  
EAN Code: **3800170227767**

**BLACCK BODY**

SKU Code: **12283**  
EAN Code: **3800170227798**



**MAIN PARAMETER**

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 $\Omega$ )	18m $\Omega$
Dimension(D*W*H)	500*237*870mm
Protection Level	IP20
Charge temperature Range (°C)	0 ~ 55
Discharge temperature Range (°C)	-20 ~ 60
Standard Charge Voltage (V)	58.4
Upper limit Charging Voltage (V)	58.4
End-of-discharge Voltage (V)	43.2
Structure	16 series & 1 parallel

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