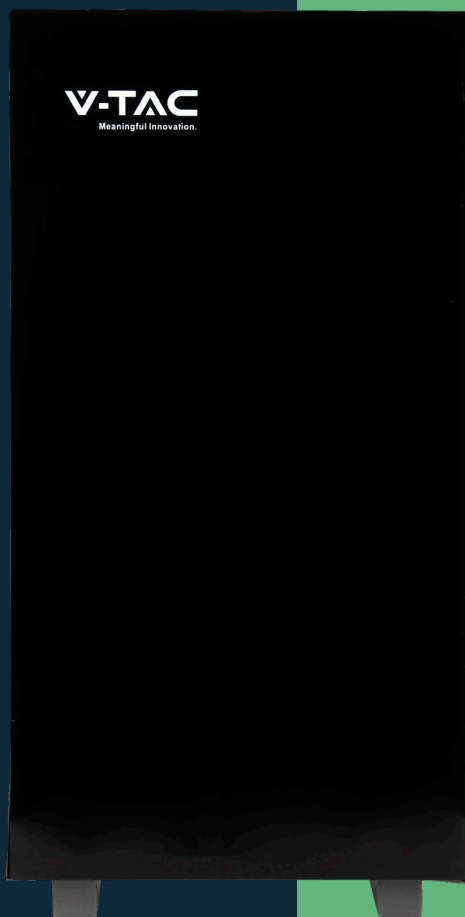
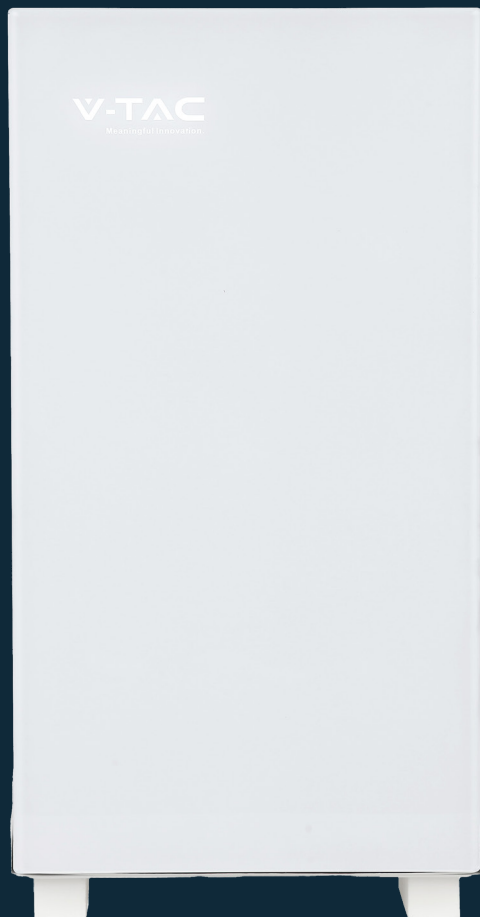


V-TAC

Meaningful Innovation.



Lithium Ion Batteries

10 YEAR
WARRANTY

WHITE BODY

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

5.12kWh

BLACCK BODY

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



MAIN PARAMETER

Rated capacity (Ah)	100
Rated capacity (kWh)	5.12
Usable capacity (kWh) ¹	5
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 Ω)	18m Ω
Dimension(W*D*H)	408*168*755mm
Protection Level	IP20
Charge temperature Range (°C)	0 ~ 60
Discharge temperature Range (°C)	-20 ~ 60
Max Number(s) of battery modules recommended by the manufacture	15
Cycle Life	$\geq 6000@25^{\circ}\text{C}$ DOD90%
Usable capacity DOD 90% (kWh)	4.608
End of Life	$\geq 6000@25^{\circ}\text{C}$ EOL70%
Operating Voltage Range(V)	43.2V-57.6V
NW (kg)	57
Structure	16 series & 1 parallel

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