COMPLETE TRUCK COMFORT

Engine off. Comfort on.

A complete 24V system for sleeper-cab cooling, appliance power and winter comfort.

Up to 15 hrs
A/C cooling

8.04 kWh
House battery

12V to 24V
Truck-system charging

SEE WHERE THE SYSTEM FITS



Illustrative placement. Inverter shown is optional; starter battery is existing truck equipment.

DRIVING
Charge the 24V house battery from the truck's 12V electrical system.

PARKED
Power the cab with the engine off and maintain the starter battery.

Everything you need.

Four essentials. Two options. One integrated system.

INCLUDED 01

LiFePO4 house battery

Power overnight A/C and everyday cab loads.
Compact, protected and self-heating.



8.04 kWh

24V 314Ah

200A JK BMS

IP65 / Vibration resistance / Self-heating

INCLUDED 02

Bidirectional DC-DC charger

Charge the house battery while driving.
Maintain the starter battery while parked.



UP TO

50A

Forward charging

100A

Reverse charging

Automatic drive / park switching

INCLUDED 03

10,000 BTU split A/C

Quiet, variable-speed comfort for sleeper cabs, with an under-bunk indoor unit.



UP TO

15 hrs

Cooling runtime

10,000 BTU

Cooling

5,500 BTU heating

INCLUDED 04

Premium accessories

Matched cables, fuses, busbars and hardware for a complete truck installation.



UL quality

Power cabling

Matched

Circuit protection

Complete install kit

OPTIONAL 05

3kW pure sine inverter

Convert 24V battery power into 120V AC for everyday cab appliances.



3kW

24V input

120V AC output

Pure sine wave / Vibration resistance

OPTIONAL 06

Cab + engine heater

Warm the cab and preheat engine coolant with one compact diesel heater.



5kW

12V diesel

Dual function

Cab heating + engine preheat at the same time

Cooling runtime varies with ambient temperature, A/C setting and other connected loads.

WIRING, PROTECTION & CONNECTIONS

Premium installation accessories.

Quality connections. Organised installation. Options for your truck.

THE ACCESSORIES BEHIND YOUR INSTALLATION



Fuses & holders

High-current and MEGA fuse assemblies.



Main isolation switch

Convenient system isolation.



Power distribution busbars

Covered connection points.



UL

Copper cable lugs

Cable termination hardware.



UL

Power cables

Wiring between system devices.



UL

Heat shrink tubing

For finished cable terminations.



Protective cable loom

For organised cable routing.



P-clamps

Cable support and securing.



Cable ties & fasteners

Cable ties and mounting nuts.

UL wiring materials
Cables, lugs and heat shrink.

Matched connections
Protection, distribution and routing.

Truck-specific options
Tailored accessory selection.

Request your WeVolt accessory package.

Tell us your truck and project requirements.

wevoltapu.com

Photos are illustrative. UL labels identify the marked accessory categories. Final contents follow your confirmed package.