23 February 2026 →

Containerized Battery Energy Storage Equipment Package — TESVOLT System & Electrical Infrastructure 308 kWh

20 feet high cube - CARU container
QTY 2

23 February 2026 →

L × W × H: 6060 × 2438 × 2896 mm
Weight: 23,000 kg + 500–1,000 kg (floor, insulation, doors etc.)

The containers have two welded brackets for the air conditioner units on the roof L × W × H 2438 × 4.03 × 3.08 m

There are extra doors mounted on the containers. The hinges protrudes 65 mm from the container body.

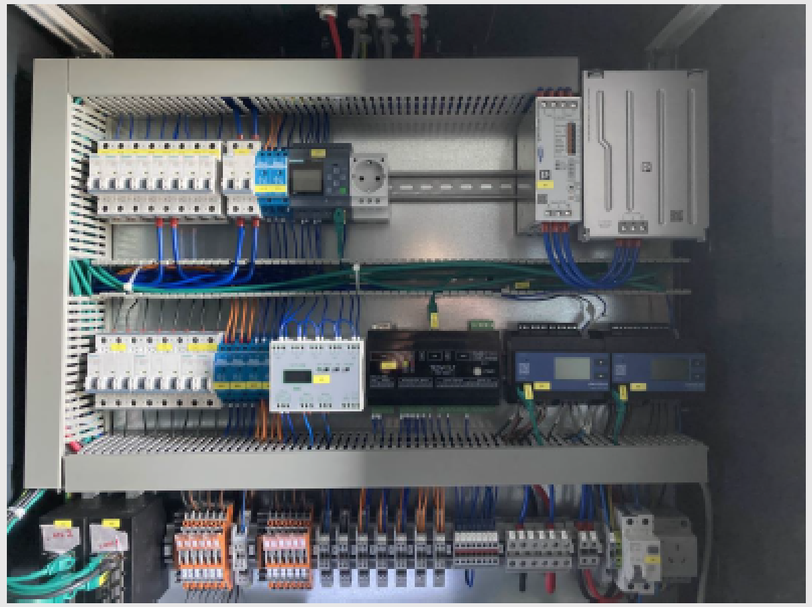
The door frames protrudes 20 mm from the container body.

With lights and wiring and insulated fully.

Low Voltage Switchgear - Elicom
QTY 1

23 February 2026 →

Low Voltage Switchgear
P/N. 212727240
Max. Prefuse(A) 1600A
Voltage (V) 400/230 VAC
Prot. Degree(IP) 30



Battery Cabinet (for HV-modules) - Tesvolt
QTY 6

23 February 2026 →

Tesvolt – steel 19" rack
Ventilated steel enclosure
100 kg empty

308 kWh Storage Lithium Batteries - Tesvolt
QTY 64

23 February 2026 →

Battery Module HV1000
Energy / Cell: 4,8 kWh

C-rate: 1C
Cell: Lithium NMC prismatic (Samsung SDI)
Max charging/discharging current: 94A
Cell balancing: Active battery optimizer

Expected cycles at 100% DoD | 70% EoL: 6000 - 8000

Efficiency (Battery): Up to 98%

Self-consumption (standby):
5W (without battery inverter)

Operating voltage: 761 to 930 VDC
Operating temperature: -10 to +50°C
Humidity: 0 to 85% (non condensing)
Altitude of installation site: <2000m above sea level
Weight per battery module: 34kg
Protection class: IP20

Battery inverter TS PCS 340 - Tesvolt QTY 1

23 February 2026 →

Battery inverter TS PCS 340

Active Filters: 4
Type: Gridcon PCS-3W-480V/4x125A-PQ4
Fact.-no.: 61-276
Order -no. 20458640
Protection degree: IP20
Nominal current: 500A
Operating voltage: AC 50Hz 400V
Control Voltage: DC 24V
Peak withst. curent: 35kA/1s
Weight: 820kg
Dimensions(wdh): 820x660x2200mm

Active Power Unit (APU)
QTY 4

23 February 2026 →

Battery Charging Module APU HV1000-S

System Tesvolt Energy Manager - Tesvolt
QTY 1

23 February 2026 →

Electrical Connection:
Voltage: 15-28V
Current(at 24V): max. 210mA
Power: max. 5W
Interfaces:
Ethernet:
1x Ethernet 10/100 Mbit/s, RJ45
CAN: 1 x CAN, terminal connections
1-Wire: 1 x 1-Wire, terminal connections
RS-232: 1 x RS232, DB9 male
RS485: 1 x RS485, terminal connections
USB: 3 x USB 2.0 type A
Inputs/Outputs
Digital opto-isolater inputs
Channels: 8
Low level input voltage: 0 to +5VDC
High-level input voltage: +10 to +28VDC
Insulation voltage: 5kV rms
Input resistance: >10kΩ
Digital inputs:
Channels: 4
max. voltage: 28VDC
Digital outputs:
Channels: 8
max. current: 500 mA
max. voltage: 28 VDC

Analogue inputs:
Channels: 4
Voltage range: 0 to 10 V
max. current: 25 mA
Resolution: 10 bit
Analogue outputs:
Channels: 2
Voltage range: 0 to 10 V
max. current: 25 mA
Resolution: 10 bit
5 VDC output:
Max current (5 V output + USB): 1 A
Terminal blocks:
Wire cross-section: 0,5-1,5 mm² , 28-16 AWG
Torque: 0,2 Nm
Insulation stripping length: 7 mm
Ambient conditions:
Operating temperature: 0 to +50°C
Max. relative humidity: 5 to 95% (non-condensing)
Temperature storage/transport: -25 to +80°C
Protection class: IP 20
Miscellaneous
Dimensions (H x W x D): 114 x 158 x 59 mm
Weight: 295 g
Place of installation: Indoors
Type of installation: 35 mm mounting rail
Standards:
EN 61326-1:2013, EN 55011 group 1 class A, EN 55011 group 1 class B

DC-AC Inverter - Layer Electronics
QTY 1

23 February 2026 →

INPUT(DC):
Vmin_ 500V
Vmax: 750V
Imax: 320A
MAINS(AC):
Pnom: 160kW
Vnom: 400V
Fnom: 50Hz
Inom: 230A
Power Factor: >0,99
Protection rating: IP20
Weight: 900 kg
Dim.: 1900 x 1200 x 1100mm

3-Phase Transformer - Tramo ETV
QTY 1

23 February 2026 →

3-phase transformer

PRIMARY:

Primary conn: DELTA

Power: 350 kVA

Rated voltage: 400 V

Rated current: 505 A

SECONDARY:

Secondary conn: Y + N

Power: 350 kVA

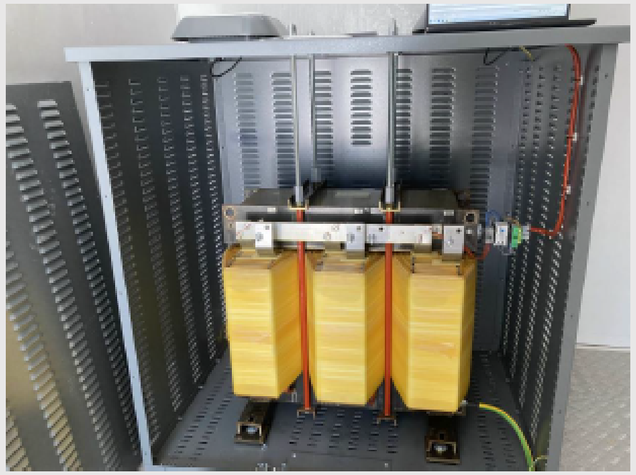
Rated voltage: 400V

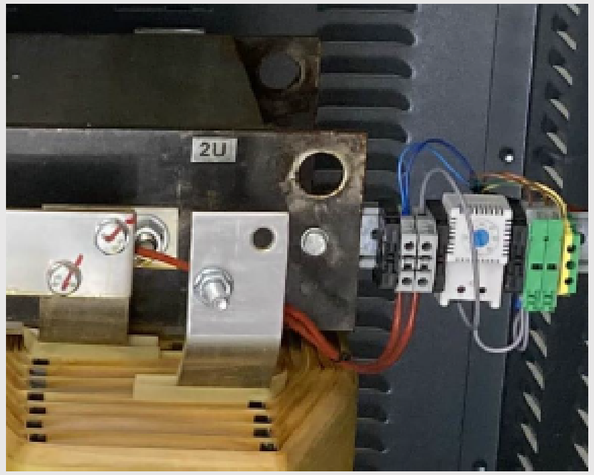
Rated current: 505 A

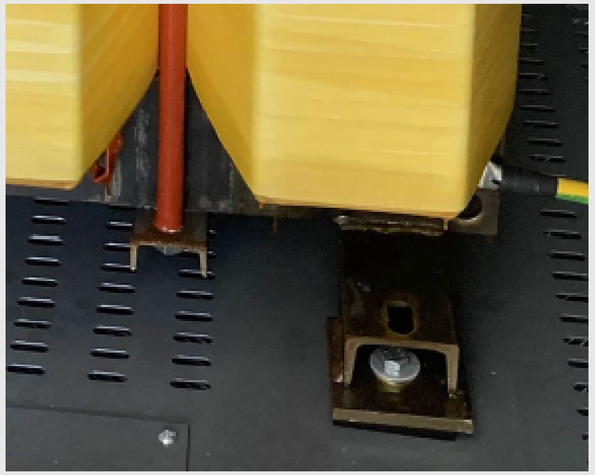
SPEC:

Frequency: 50/60 Hz

Weight: 980 kg







Required to be able to have an off grid solution for the batteries, not necessary for a grid connected system.

Climate Control - Outside Compressor Unit - Toschiba QTY 2

Outdoor unit: RAV-GP1401AT8-E
Air Flow m3/h -l/s: 6180 - 1717
Sound pressure level dB(A): 51
Sound power level dB(A): 68
Operating range °C: -15 / 46
Sound pressure level dB(A): 52
Sound power level dB(A): 69
Operating range °C: -20 / 15
Dimensions (HxWxD) mm: 1340 x 900 x 320
Weight kg: 95
Compressor type: DC Twin Rotary
Flare connection Gas in: 5/8
Flare connection Liquid in: 3/8
Minimum pipe length m: 3
Maximum pipe length m: 75
Maximum height difference m: 30
Chargeless pipe length m: 30
Power supply V-ph-Hz: 380/415-3N-50

Climate Control - Inside Air Processing Unit - Toshiba QTY 2

Indoor unit Ceiling: RAV-RM1401CTP-E
Cooling capacity kW: 12.5
Cooling range (min. - max.) kW: 2.6 - 14.0
Power input kW: 0.66 - 3.68 - 4.85
EER: 3.40
SEER: 6.30
Energy efficiency class or ηsc %: 249.0
Seasonal electricity consumption kWh/a: 1190
Heating capacity kW: 14.0
Heating range (min. - max.) kW: 2.4-18.0
Power input (min. - rated - max.) kW: 0.53-3.48-5.95
COP W/W: 4.02
SCOP: 4.20
Energy efficiency class or ηsh(A) %: 165.0
Seasonal electricity consumption kWh/a: 3931

Explosion Proof Light Armature - Raytec
QTY 1

23 February 2026 →

LED Armateur IECEx Zone 2
Spartan Linear G2 SPZ-WL168 4K
110-254V AC, 56 W
7048 lumen
IP66/67 ATEX II 2 GD
Dim. 1370 x 174 x 109mm

Chiller media cooler - Dry Cooler - Aermec

23 February 2026 →

Dry Cooler WTE°1014CTS

Power supply: 400V/3ph/50Hz

Rated power input: 1,64kW

Rated Current: 2,6A

Protection: IP54

PS: 6bar

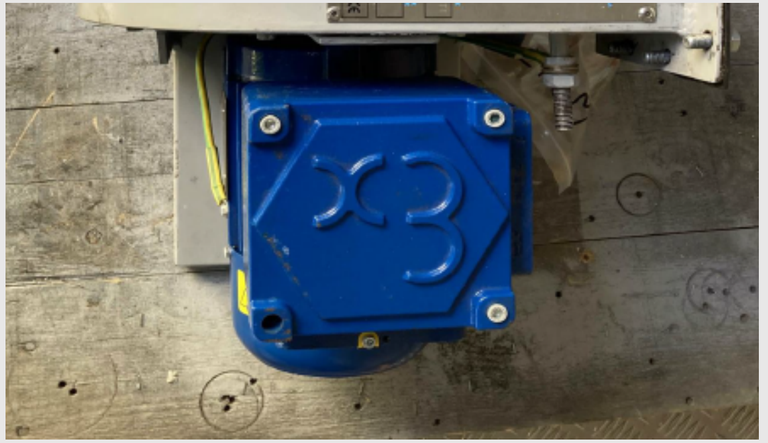
TS: -15/+45°C

Int. Volume: 29litre

Weight: 247 kg.

Centrifugal fan (IECEx) - Woodcock & Wilson
QTY 1

23 February 2026 →



Centrifugal Fan (IECEx)
Fan Type/Size: 10¨
Flow Rate: 700m³/sec
Pressure: 725Pa
Fan Speed: 2850 RPM
Motor Power: 0,37kW
Max Inlet Gas Temperature: 40°C
Ambient Range: -20°C TO +40°C
Weight: 14 kg.

All equipment ready for transportation

23 February 2026 →