elvorka

Home energy.

Product collection / 2026

Integrated storage systems.
Standalone LFP batteries.

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FAMILIES	ARCHITECTURES	CONFIGURATIONS

Product images are illustrative ELVORKA brand applications; final production markings may vary.
SELECTION GUIDE / ENGLISH EDITION

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BATTERY-ONLY / TR PRO



Designed around home storage.

INTEGRATED + STANDALONE

Two architectures. Seven product families.

29
CONFIGURATIONS

6 integrated configurations / 23 battery-only configurations

		FAMILY	ARCHITECTURE	ENERGY / KWH	PAGE
01		TA6000	Battery + inverter	10.24-20.48	03
02		EU 230 V	Battery + inverter	10.24 / 16.076	04
03		TR standard	Battery only	5.12-20.07	05
04		TR Pro	Battery only	10.24 / 16.076	06
05		HP Ultra	Battery only	8-48	07
06		HP K	Battery only	20.48-40.96	08
07		TB rack	Battery only	5.12-16.076	09

The guide covers 29 listed configurations. Battery-only products require a compatible external inverter.

INTEGRATED SYSTEM

TA6000.

All-in-one storage.

Battery and inverter in a single cabinet. Three storage configurations with PV input connectivity.

10.24-20.48

KWH NOMINAL ENERGY

Model	Energy (kWh)	AC options (kW)
TA6000-M2	10.24	6-10
TA6000-M3	15.36	6-12
TA6000-M4	20.48	6-12

120 V (US) / 230 V (EU) AC options
50 / 60 Hz

AC power ranges are selectable configurations. PV input: 11 kW (M2), 11-13.2 kW (M3/M4). Bluetooth optional.

01 PRODUCT FAMILY



FULL SPECIFICATIONS / PP. 10-12

EU 230 V.

Integrated storage.

Integrated inverter and LFP battery storage. Three listed power-and-capacity configurations for 230 V AC.

6.2 / 12

KW RATED AC OUTPUT

Model group	Energy (kWh)	AC (kW)	Max. PV (kW)
6.2K-10/16KWH-EU	10.24	6.2	6.5
6.2K-10/16KWH-EU	16.076	6.2	6.5
12K-16KWH-EU	16.076	12	2 x 9

6.2 kW AC: 1 MPPT / 12 kW AC: 2 MPPT
230 V AC / 50 / 60 Hz / IP21

Wi-Fi, parallel operation and CT options require configuration confirmation. Charge 0 to 55 °C; discharge -20 to 55 °C.



FULL SPECIFICATIONS / PP. 10-12



FULL SPECIFICATIONS / PP. 10-12

LOW-VOLTAGE BATTERY

TR.

Wall-mounted storage.

Five LFP battery capacities in a wall-mounted form. Pair with a compatible external inverter.

5.12-20.07

KWH NOMINAL ENERGY

Model	Energy (kWh)	Nominal DC (V)
TR4000WX	5.12	51.2
TR6000WX	10.24	51.2
TR8000WX	14.336	51.2
TR8500WX	16.076	51.2
TR10000WX	20.07	51.2

Self-heating is optional. Listed charge temperature: 0 to 55 °C. Confirm the enclosure and inverter configuration.



FULL SPECIFICATIONS / PP. 10-12

LOW-VOLTAGE BATTERY

TR Pro.

Wall-mounted storage.

51.2 V LFP storage with an IP66 enclosure. Pair with a compatible external inverter.

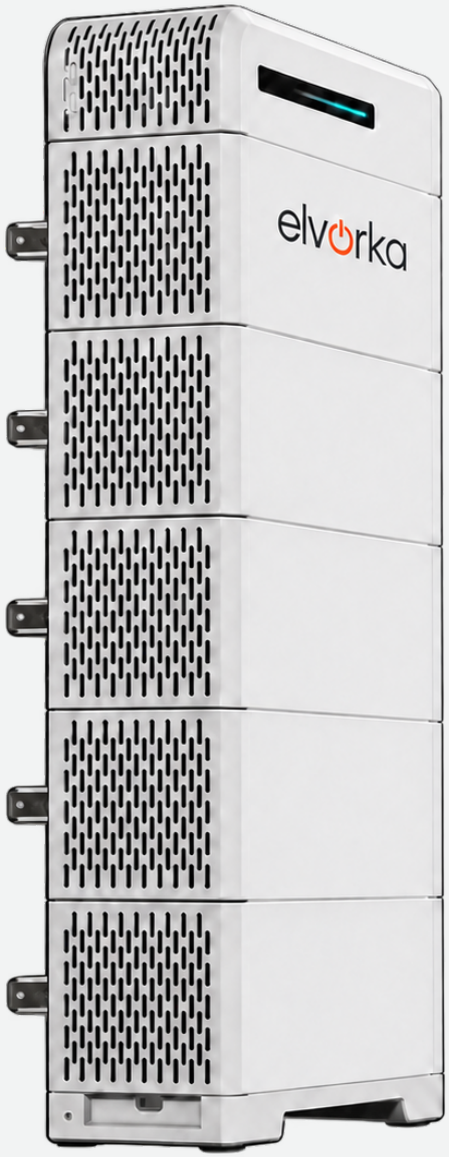
10.24 / 16.076

KWH NOMINAL ENERGY

Model	Energy (kWh)	Rated DC (kW)
TR6000WX-Pro	10.24	10
TR8500WX-Pro	16.076	10
TR8500WX-ProU	16.076	10

Enclosure IP66
RS485 / RS232 / CAN; Wi-Fi / Bluetooth

Power values are battery-side DC ratings. Self-heating is optional. Actual AC output depends on the selected inverter.



FULL SPECIFICATIONS / PP. 10-12

HIGH-VOLTAGE BATTERY

HP Ultra.

Modular stacked storage.

Six specified LFP configurations. A modular aluminum-alloy stack for a compatible external inverter.

8-48

KWH NOMINAL ENERGY

Configuration	Energy (kWh)	Max. DC (kW)
HP Ultra-8.0	8	4
HP Ultra-16.0	16	8
HP Ultra-24.0	24	12
HP Ultra-32.0	32	16
HP Ultra-40.0	40	20
HP Ultra-48.0	48	24

Power values are maximum battery-side DC ratings. Confirm system voltage and inverter compatibility for the selected capacity.

HP K.

Modular stacked storage.

Four to eight LFP battery modules. Five specified configurations for a compatible external inverter.

20.48-40.96

KWH NOMINAL ENERGY

Model	Energy (kWh)	Rated DC (kW)
HP2000K	20.48	20
HP2500K	25.6	25
HP3000K	30.72	30
HP3500K	35.84	35
HP4000K	40.96	40

204.8-409.6 V NOMINAL DC

Power values are battery-side DC ratings. Charge 0 to 55 °C; discharge -20 to 60 °C. Confirm the inverter DC voltage window.



FULL SPECIFICATIONS / PP. 10-12

TB. Rack-mounted storage.

LFP battery modules in a rack-mount format. Four specified capacities for a compatible external inverter.



5.12-16.076

KWH NOMINAL ENERGY

51.2

V NOMINAL DC

LFP / IP20 / RS485 / CAN / RS232

Model	Energy (kWh)	Rated DC (kW)
TB4000X	5.12	5
TB6000X	10.24	10
TB8000X	14.336	10
TB8500X	16.076	10

Power values are battery-side DC ratings. Wi-Fi / Bluetooth is listed for TB6000X, TB8000X and TB8500X, excluding TB4000X.

FULL SPECIFICATIONS / PP. 10-12

Dimensions & weights.

Integrated systems, wall-mounted batteries and rack modules.

TA6000

Model	Dimensions / mm W x D x H	Approx. kg
TA6000-M2	590 x 570 x 1880	244
TA6000-M3	590 x 570 x 1880	286
TA6000-M4	590 x 570 x 1880	328

TR wall

Model	Dimensions / mm W x H x D	Approx. kg
TR4000WX	400 x 750 x 160	53.5
TR6000WX	600 x 750 x 160	95
TR8000WX	480 x 822 x 245	110
TR8500WX	480 x 822 x 245	115
TR10000WX	500 x 922 x 265	145

EU 230 V INTEGRATED SYSTEMS

552 x 254 x 1210 mm (L x W x H). Net weight: 105 kg for 6.2 kW / 10.24 kWh; 130 kg for the 16.076 kWh configurations.

TR Pro wall

Model	Dimensions / mm H x L x D	Approx. kg
TR6000WX-Pro	802 x 620 x 179	95
TR8500WX-Pro	822 x 500 x 250	115.5
TR8500WX-ProU	872 x 500 x 250	120

TB rack

Model	Dimensions / mm W x H x D	Approx. kg
TB4000X	482 x 178 x 420	42
TB6000X	482 x 223 x 550	78
TB8000X	482 x 223 x 710	109.5
TB8500X	482 x 223 x 710	112

Dimensions retain the source axis order. Listed weights are approximate, except the EU values explicitly identified as net weights.

High-voltage formats.

Modular stack dimensions, weights and nominal voltage where specified.

HP Ultra

Model	Dimensions / mm W x D x H	Approx. kg
HP Ultra-8.0	950 x 315 x 575	75
HP Ultra-16.0	950 x 315 x 880	130
HP Ultra-24.0	950 x 315 x 1185	185
HP Ultra-32.0	950 x 315 x 1490	240
HP Ultra-40.0	950 x 315 x 1795	295
HP Ultra-48.0	950 x 315 x 2100	350

HP K

Model	Nominal DC / V	Dimensions / mm L x W x H	Approx. kg
HP2000K	204.8	580 x 390 x 918	213
HP2500K	256	580 x 390 x 1089	259.5
HP3000K	307.2	580 x 390 x 1260	306
HP3500K	358.4	580 x 390 x 1431	352.5
HP4000K	409.6	580 x 390 x 1602	399

Integration
Both families are battery-only systems. Battery-side DC power ratings and inverter AC output are different quantities. Confirm the inverter DC voltage range and communications before selecting a configuration.

HP Ultra
Six specified configurations cover 8-48 kWh. System voltage should be confirmed for the selected capacity. Product images represent a configuration within each family.

System specifications.

Common parameters by product family. Confirm the selected options for each project.

Family	Battery	Enclosure	Communication	Temperature
TA6000	LFP / 51.2 V DC	Not specified	RS485 / RS232 / CAN / Wi-Fi	Operation -20 to 60 °C
EU 230 V	LFP / 51.2 V DC	IP21	USB / RS485 / dry contact	Charge 0 to 55 °C Discharge -20 to 55 °C
TR standard	LFP / 51.2 V DC	IP20; IP54 optional	RS485 / RS232 / CAN Wi-Fi / Bluetooth	Charge 0 to 55 °C
TR Pro	LFP / 51.2 V DC	IP66	RS485 / RS232 / CAN Wi-Fi / Bluetooth	Charge 0 to 55 °C Discharge -20 to 60 °C
HP Ultra	LFP modular storage	IP66	CAN / RS485 / Wi-Fi / Bluetooth	Confirm selected configuration
HP K	LFP / 204.8-409.6 V DC	IP20; IP54 optional	RS485 / CAN Wi-Fi / Bluetooth optional	Charge 0 to 55 °C Discharge -20 to 60 °C
TB rack	LFP / 51.2 V DC	IP20	RS485 / CAN / RS232	Charge 0 to 55 °C Discharge -20 to 60 °C

Options. TA6000 Bluetooth is optional. EU Wi-Fi, parallel operation and CT settings require confirmation. TR standard / Pro self-heating is optional. TB Wi-Fi / Bluetooth is listed for TB6000X, TB8000X and TB8500X.

Specifications are based on supplied product literature. Final electrical configuration, inverter compatibility and local installation requirements should be confirmed for each project.