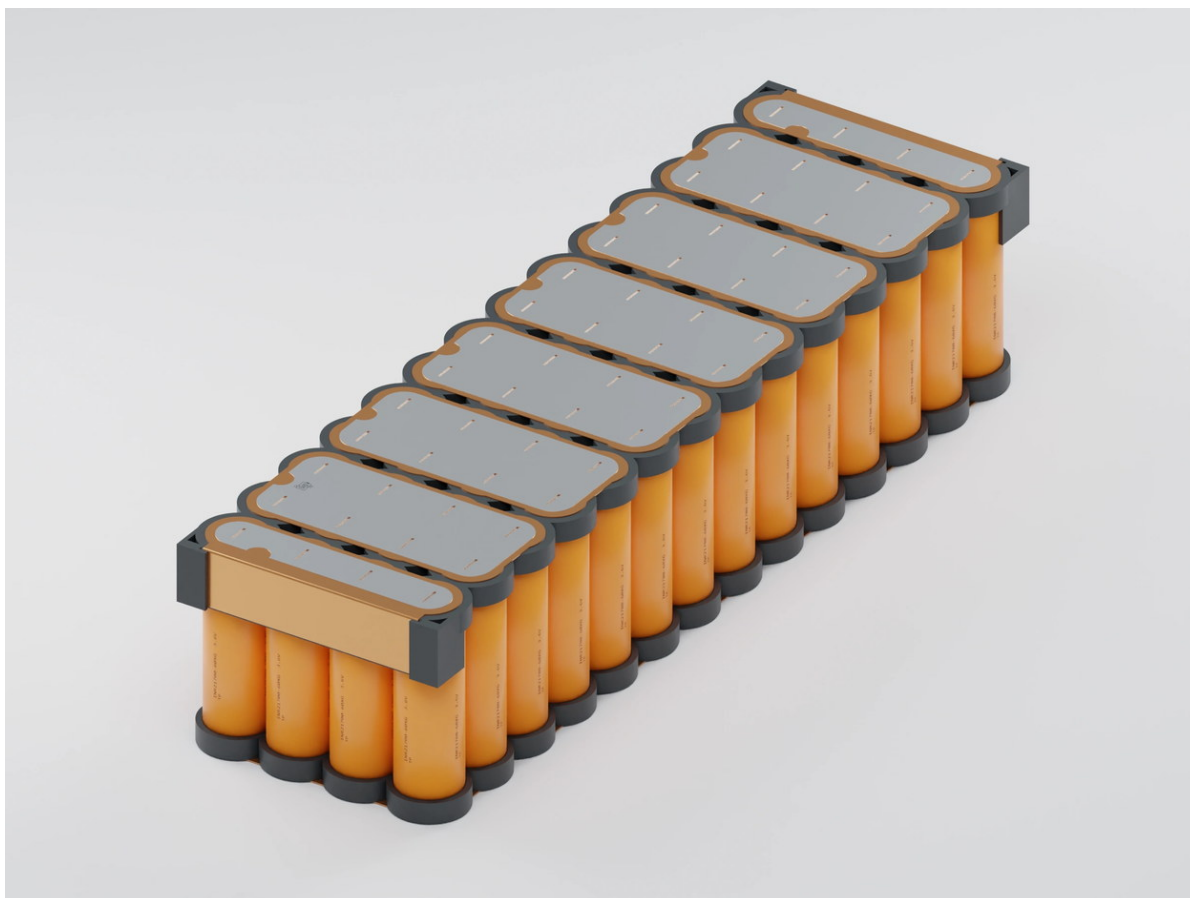


Current parts. Matching layouts.

A visual reference for the configurable range and the established pack listings.



Shown: 14S4P | 56 cells | extended copper terminal supports

Choose the correct section

Pages 4-16 show all 52 configurations in the 2S-14S range, from 1P to 4P. Pages 17-19 show the separate established pack layouts. A matching series count alone does not identify the holder or busbar geometry.

What the illustrations show

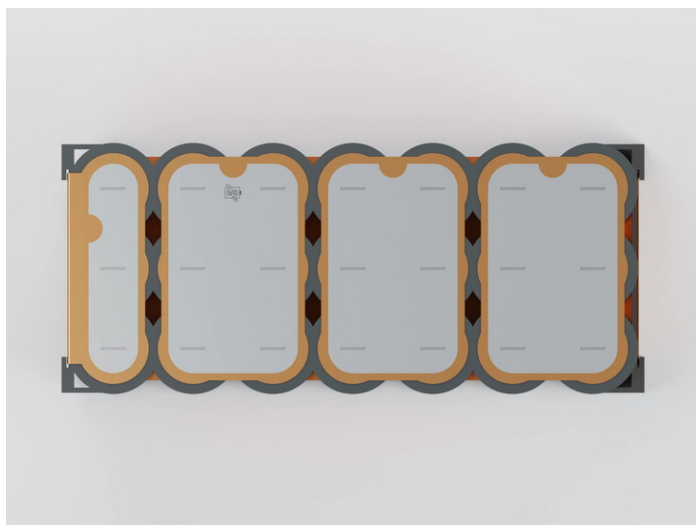
Orange cells use the Tenpower 60XG appearance. The cell option confirmed on your order determines the actual cell model. Images show internal construction; wiring, connectors, weld nuggets and final insulation are omitted.

This is a construction and care reference, not a welding recipe or a pin-by-pin wiring instruction. Use the drawing and checks supplied for your exact build.

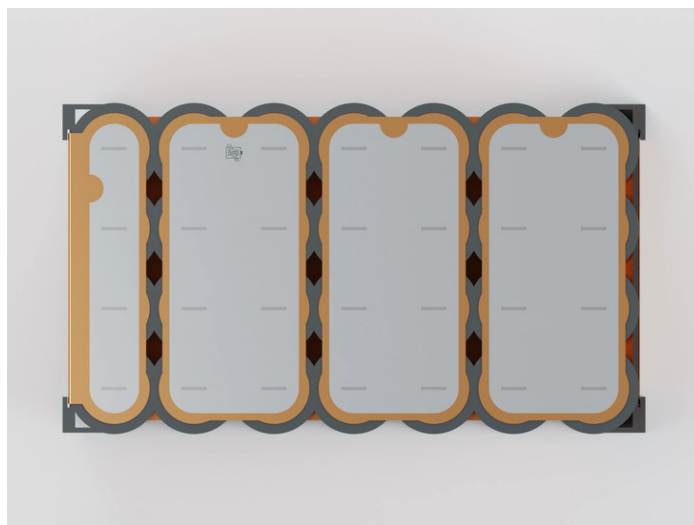
Current pack range and quote options

Parts and terminal construction

Match the supplied holder, busbars and slotted weld overlays before assembly or service.



7S3P | extended terminal



7S4P | extended terminal

Copper and slotted weld overlays

Copper forms the current-carrying interconnect and terminal extensions. The slotted weld overlays follow the current part contours. Confirm the overlay material from the supplied parts specification; appearance alone does not identify the metal.

0.2 mm and 0.3 mm copper

Both thicknesses are offered as separate choices. The CAD illustrations depict the existing 0.3 mm model and are not thickness-gauging images. The selected thickness does not by itself establish a safe pack current or welding setting.

Longer copper supported by the base

The 1P, 3P and 4P illustrations show extended copper with matching holder support. Preserve separation between different electrical nodes. Do not widen or join the separate terminal lanes of the 2P layout.

CAD checks establish geometry only. Manufactured fit, bending, weld quality, lead attachment, insulation and current/thermal performance require validation on the actual build. Rendered envelopes are not finished-pack fit dimensions.

Before charging or flying

Use the cell manufacturer documentation and the requirements of your exact application.

1. Confirm the build

Verify series/parallel configuration, cell model, copper option, leads and connector polarity against your order. Check the pack label and supplied drawing. Inspect holders, insulation, welds and strain relief; do not use a damaged pack.

2. Verify electrical compatibility

Use the selected cell manufacturer limits to establish maximum charged pack voltage and charging settings. Confirm the ESC, motor, charger, connector and wiring ratings. A cell maximum is not automatically a recommended continuous pack-design current.

3. Check polarity and protection

Measure output polarity before connection. Verify every balance lead against the exact connector pinout and node drawing. A balance connector is not a BMS. Do not assume a BMS is fitted; confirm the build specification and suitable protection, fusing and current paths.

4. Charge and store correctly

Use a compatible lithium-ion charger and the correct series count and cell settings. Follow the cell and charger instructions. Supervise charging in a suitable area away from combustibles; protect terminals during storage and transport.

5. Check the actual load

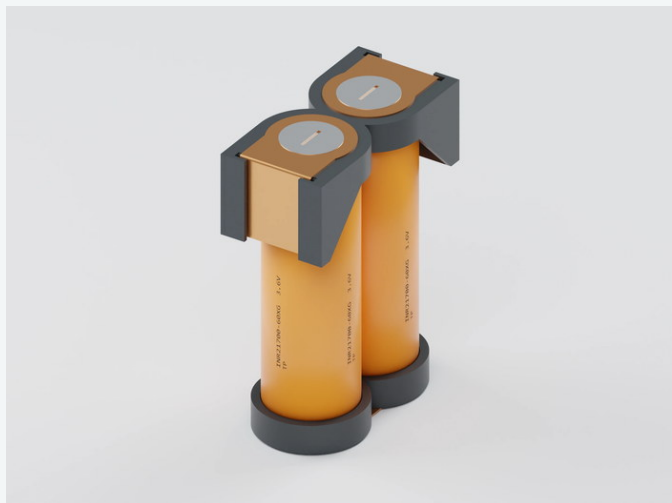
Confirm typical and peak application current, cooling, insulation clearances and secure mounting before use. Parallel cells require matched cells and sound, balanced connections; current does not necessarily divide equally through poor connections.

6. Stop if anything changes

Stop use after abnormal heating, odor, damage, loose connections or an abnormal group-voltage difference. Isolate the pack safely and contact support. Do not repair or reconfigure it from the perspective illustrations.

2S range | 1P to 4P

2 series groups. Total cells = series groups x cells per parallel group.



2S1P

2 cells | 1 cell per parallel group



2S2P

4 cells | 2 cells per parallel group



2S3P

6 cells | 3 cells per parallel group



2S4P

8 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

3S range | 1P to 4P

3 series groups. Total cells = series groups x cells per parallel group.



3S1P

3 cells | 1 cell per parallel group



3S2P

6 cells | 2 cells per parallel group



3S3P

9 cells | 3 cells per parallel group



3S4P

12 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

4S range | 1P to 4P

4 series groups. Total cells = series groups x cells per parallel group.



4S1P

4 cells | 1 cell per parallel group



4S2P

8 cells | 2 cells per parallel group



4S3P

12 cells | 3 cells per parallel group



4S4P

16 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

5S range | 1P to 4P

5 series groups. Total cells = series groups x cells per parallel group.



5S1P

5 cells | 1 cell per parallel group



5S2P

10 cells | 2 cells per parallel group



5S3P

15 cells | 3 cells per parallel group



5S4P

20 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

6S range | 1P to 4P

6 series groups. Total cells = series groups x cells per parallel group.



6S1P

6 cells | 1 cell per parallel group



6S2P

12 cells | 2 cells per parallel group



6S3P

18 cells | 3 cells per parallel group



6S4P

24 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

7S range | 1P to 4P

7 series groups. Total cells = series groups x cells per parallel group.



7S1P

7 cells | 1 cell per parallel group



7S2P

14 cells | 2 cells per parallel group



7S3P

21 cells | 3 cells per parallel group



7S4P

28 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

8S range | 1P to 4P

8 series groups. Total cells = series groups x cells per parallel group.



8S1P

8 cells | 1 cell per parallel group



8S2P

16 cells | 2 cells per parallel group



8S3P

24 cells | 3 cells per parallel group



8S4P

32 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

9S range | 1P to 4P

9 series groups. Total cells = series groups x cells per parallel group.



9S1P

9 cells | 1 cell per parallel group



9S2P

18 cells | 2 cells per parallel group



9S3P

27 cells | 3 cells per parallel group



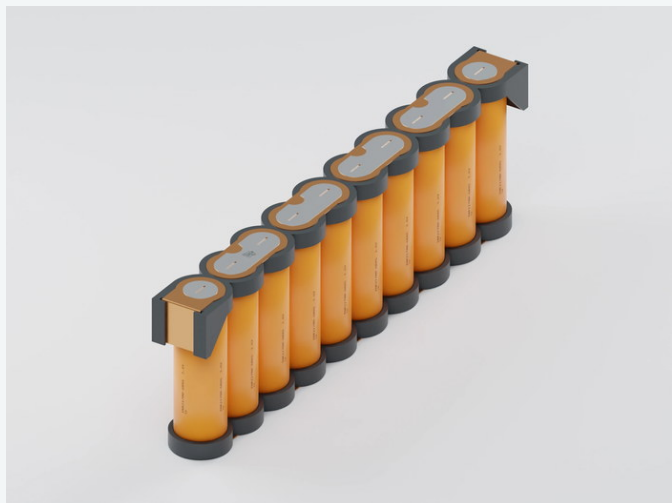
9S4P

36 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

10S range | 1P to 4P

10 series groups. Total cells = series groups x cells per parallel group.



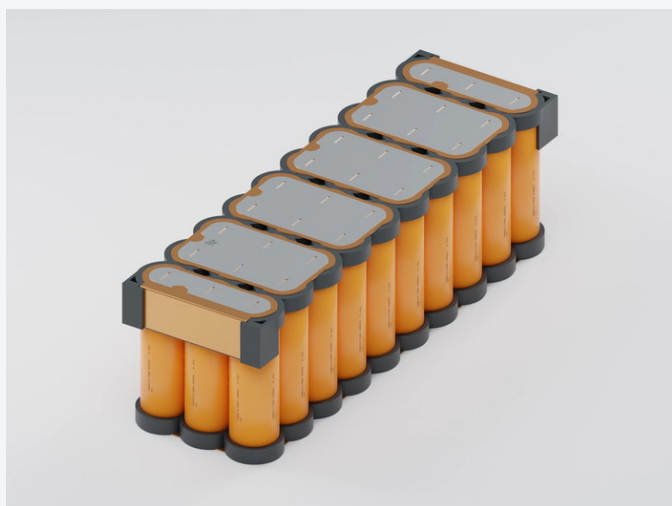
10S1P

10 cells | 1 cell per parallel group



10S2P

20 cells | 2 cells per parallel group



10S3P

30 cells | 3 cells per parallel group



10S4P

40 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

11S range | 1P to 4P

11 series groups. Total cells = series groups x cells per parallel group.



11S1P

11 cells | 1 cell per parallel group



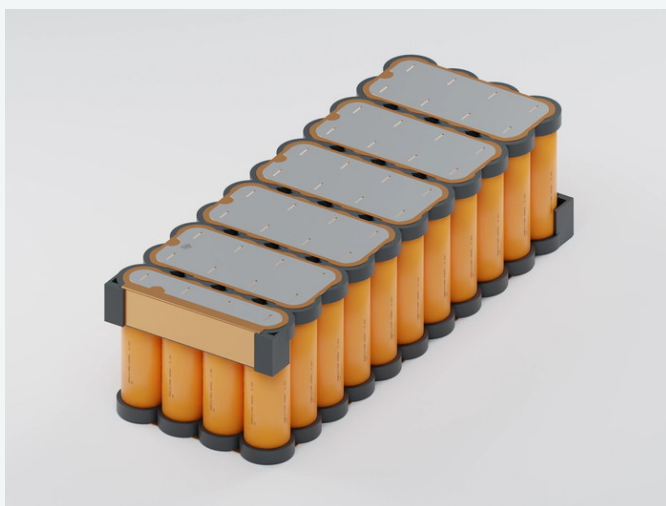
11S2P

22 cells | 2 cells per parallel group



11S3P

33 cells | 3 cells per parallel group



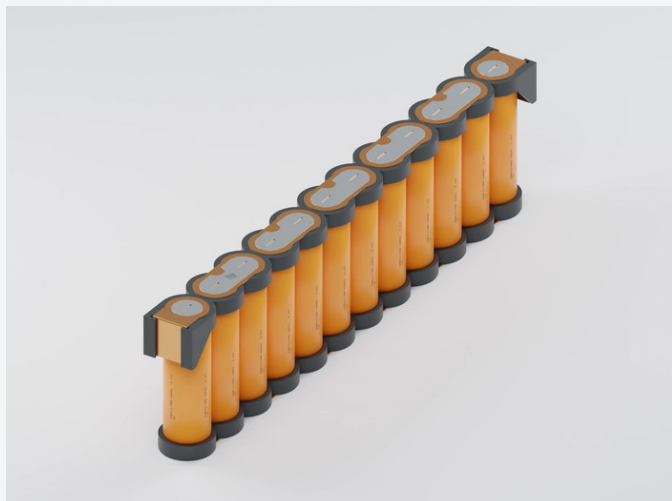
11S4P

44 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

12S range | 1P to 4P

12 series groups. Total cells = series groups x cells per parallel group.



12S1P

12 cells | 1 cell per parallel group



12S2P

24 cells | 2 cells per parallel group



12S3P

36 cells | 3 cells per parallel group



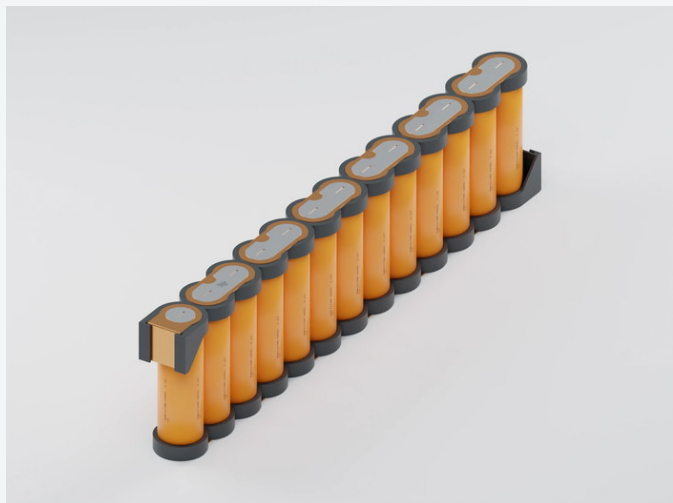
12S4P

48 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

13S range | 1P to 4P

13 series groups. Total cells = series groups x cells per parallel group.



13S1P

13 cells | 1 cell per parallel group



13S2P

26 cells | 2 cells per parallel group



13S3P

39 cells | 3 cells per parallel group



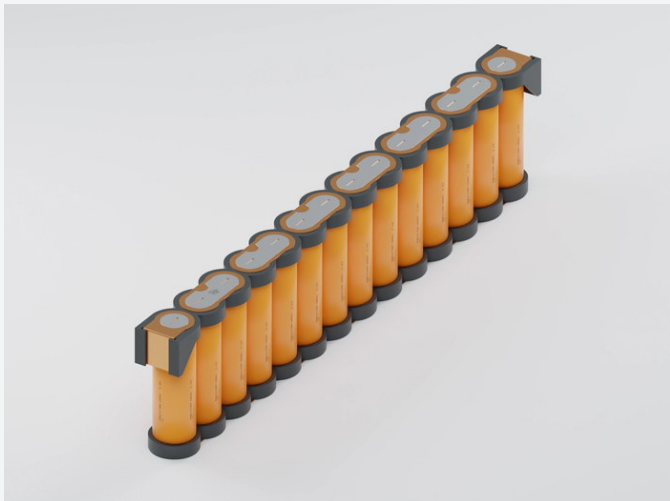
13S4P

52 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

14S range | 1P to 4P

14 series groups. Total cells = series groups x cells per parallel group.



14S1P

14 cells | 1 cell per parallel group



14S2P

28 cells | 2 cells per parallel group



14S3P

42 cells | 3 cells per parallel group



14S4P

56 cells | 4 cells per parallel group

Range CAD illustrations | Match the supplied build drawing before assembly.

Established pack layouts

These product layouts are separate from the configurable range on pages 4-16.



2S1P

Paired layout



3S1P

Straight row of three cells



4S1P

Paired layout



5S1P

Staggered 3 + 2 cells

60XG appearance is illustrative; actual cells follow the selected order option.

Established pack layouts

These product layouts are separate from the configurable range on pages 4-16.



6S1P

Paired layout



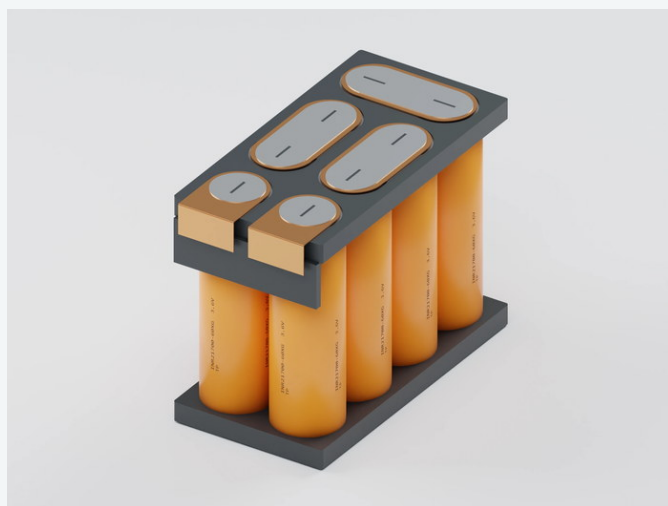
6S2P

Current 2P kit layout



7S1P

Staggered 4 + 3 cells



8S1P

Paired layout

60XG appearance is illustrative; actual cells follow the selected order option.

Established pack layouts

These product layouts are separate from the configurable range on pages 4-16.



12S1P

Paired layout

5S1P and 7S1P: two different families

The finished-pack listings shown here use staggered layouts. The paired 1P kit and custom-inquiry guides use rectangular holders with an unused bore. Do not interchange their holders, busbars or polarity diagrams.

A drawing is not a completed-build record

These CAD views show the intended construction appearance. Confirm finished dimensions, weight, protection, pinout and application suitability for the actual supplied pack. Use the correct kit guide only when its parts and layout match.

Kit-specific construction and polarity guides