

V10a & V16 Selection Guide

Pytes' new-generation batteries – **V10a & V16** – simplify your BOM like never before.

With a highly integrated design, installation is faster and cleaner than ever.

Staying true to our core principle of flexibility, the new models remain fully configurable to meet your project needs.

Contact us for more custom configuration options tailored to your system.

Part Number	Item	Quantity	
1	110408100021	Sol Ark 15K-2P-N	1 pc
2	110402100233	V10a	2 pcs
3	110409100248	C-BOX SE	2 pcs
4	161411100216	Bat. to Inv. Com. Cable	1 pc



15 kW /
20 kWh

Part Number	Item	Quantity	
1	110408100021	Sol Ark 15K-2P-N	1 pc
2	110402100233	V10a	3 pcs
3	110409100247	C-BOX	1 pc
4	110409100248	C-BOX SE	2 pcs
5	161411100216	Bat. to Inv. Com. Cable	1 pc



15 kW /
30 kWh

Part Number	Item	Quantity	
1	110408100021	Sol Ark 15K-2P-N	2 pcs
2	110402100233	V10a	3 pcs
3	110409100247	C-BOX	2 pcs
4	110409100248	C-BOX SE	1 pc
5	161411100216	Bat. to Inv. Com. Cable	1 pc
6	161412100465 161412100466	Busbar to Busbar Parallel Cable Set	1 pc



30 kW /
30 kWh

Part Number	Item	Quantity	
1	110408100021	Sol Ark 15K-2P-N	1 pc
2	110402100209	V16	1 pc
3	110409100248	C-BOX SE	1 pc
4	161411100216	Bat. to Inv. Com. Cable	1 pc



10 kW /
16 kWh

Part Number	Item	Quantity	
1	110408100021	Sol Ark 15K-2P-N	1 pc
2	110402100209	V16	1 pc
3	110409100248	C-BOX SE	2 pcs
4	161411100216	Bat. to Inv. Com. Cable	1 pc



15 kW /
32 kWh

Part Number	Item	Quantity	
1	110408100021	Sol Ark 15K-2P-N	2 pcs
2	110402100209	V16	3 pcs
3	110409100247	C-BOX	2 pcs
4	110409100248	C-BOX SE	1 pc
5	161411100216	Bat. to Inv. Com. Cable	1 pc
6	161412100465 161412100466	Busbar to Busbar Parallel Cable Set	1 pc



30 kW /
48 kWh

Key Components & Accessories

110402100233 – V10a (10 kWh)

- Max. 7.68 kW continuous output
- IP66 rated, C4-M Corrosion resistance
- Expandable to 160 kWh, no additional accessories required
- 10 Years Warranty (8000 cycles) with optional 2-year extended coverage



110402100209 – V16 (16 kWh)

- Max. 10.24 kW output
- IP66 rated, C4-M Corrosion resistance
- Expandable to 256 kWh, no additional accessories required
- 10 Years Warranty (8000 cycles) with optional 2-year extended coverage



Item	Specification	Quantity	
V10a Power cable Set	161411100220 161411100221	V10a, UL 10269, 1/0 AWG, 78.74 inch (2000 mm), negative and positive power cable	1 pc
Cascading cable	161411100250	V10a cascading cable, 59.06 inch (1500 mm), Cat 6 standard ethernet cable with waterproof connectors	1 pc
Earthing cable	161412100230	V10a Ground wire, UL 1015, 10 AWG, 39.37 inch (1000 mm), SC6*2	1 pc
Hexagon cross slot screws	140501100016	M4x8, used to fix cover plate auxiliary part to the battery	4 pcs
Cover plate	150219100190	V10a Battery terminal protection cover, SGCC	1 pc
Cover plate auxiliary part	150219100191	V10a Cover plate auxiliary part, SGCC	1 pc
Wall-mounted bracket	150208100032	V10a Wall-mount bracket, SGCC	1 pc
Expansion screws	140801100014	M8x50, used to fix the wall-mounted bracket to the wall	8 pcs
Spare RJ45 connector	161508100019	RJ45 connectors, used to customize the Com. Cable	2 pcs

Table 1-1 V10a Packing List

Item	Specification	Quantity	
V16 Power cable Set	161411100283 161411100284	V16, UL 10269, 2/0 AWG, 78.74 inch (2000 mm), negative and positive power cable	1 pc
Cascading cable	161411100250	V16 cascading cable, 59.06 inch (1500 mm), Cat 6 standard ethernet cable with waterproof connectors	1 pc
Earthing cable	161412100230	V16 Ground wire, UL 1015, 10 AWG, 39.37 inch (1000 mm), SC6*2	1 pc
Hexagon cross slot screws	140501100016	M4x8, used to fix cover plate auxiliary part to the battery	4 pcs
Cover plate	150219100209	V16 Battery terminal protection cover, SGCC	1 pc
Cover plate auxiliary part	150219100211	V16 Cover plate auxiliary part, SGCC	1 pc
Wall-mount bracket	150208100034	V6 Wall-mount bracket, SGCC	1 pc
Expansion screws	140801100014	M8x50, used to fix the wall-mounted bracket to the wall	8 pcs
Spare RJ45 connector	161508100019	RJ45 connectors, used to customize the Com. Cable	2 pcs

Table 1-2 V16 Packing List

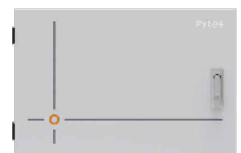
110409100247 – C-BOX (With Busbar)

- 1000Vdc, 500 A rated Busbar integrated, 5* M10 Studs
- 26 × 12 × 18 inch / 668 × 306 × 450 mm
- Suitable for V10a, V16
- Clean and safe wiring ensures a neat installation
- Tailored for Sol-Ark 15K with pre-drilled holes that align seamlessly — no extra conduit needed.



110409100248 – C-BOX SE (Without Busbar)

- 26 × 12 × 18 inch / 668 × 306 × 450 mm
- Suitable for V10a, V16
- Clean and safe wiring ensures a neat installation Tailored for Sol-Ark 15K with pre-drilled holes that align seamlessly — no extra conduit needed.



161411100216 – Bat. To Inv. Com Cable

- Suitable for V10a, V16
- Waterproof connector on battery side
- Standard pinout Cat 6 Ethernet Cable,
- suitable for Sol-Ark, Solis, Eg4, LuxPower, etc.



162002100019 – WiFi Dongle

- Remote monitoring and Upgrading for V10a, V16



110409100255 V16 Base

- 27.09 × 10.43 × (H *Variable: 12.8 ~ 13.58) inch / 688 × 265 × (H *Variable: 325 ~ 345) mm
- 15.01 lbs / 6.81 KG
- Optional purchase for V16 ground Installation



161412100465 & 161412100465 – Busbar Parallel Cable Set

- UL 10269, 2/0 AWG, 78.74 inch (2000 mm)
- Be Used to Parallel two Conduit Box which contain Busbars



150219100205 – Lifting Handle

- V10a, V16 lifting tool for secure wall-bracket installation



110409100236 V10a Base

- 27.09 × 10.43 × (H *Variable: 4.13 ~ 4.92) inch / 688 × 265 × (H *Variable: 105 ~ 125) mm
- 14.33 lbs / 6.50 KG
- Optional purchase for V10a ground Installation

