

V10a & V16 Selection Guide

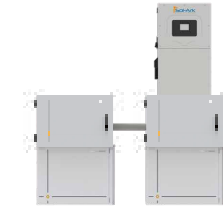
Pytes' new-generation batteries — **V10a & V16** — simplify your BOM like never before.

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

Staying true to our core principle of flexibility, these new models remain fully configurable to meet project requirements.

Contact Pytes for additional configurations tailored to fit your application.

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



15 kW /
20 kWh

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



15 kW /
30 kWh

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



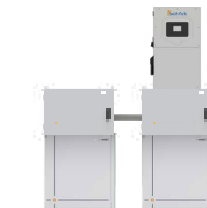
30 kW /
30 kWh

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



15 kW /
16 kWh

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



15 kW /
32 kWh

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

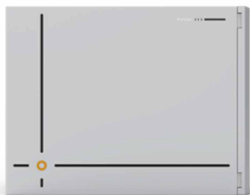


30 kW /
48 kWh

Key Components & Accessories

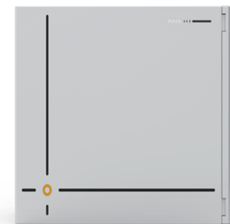
110402100233 – V10a (10 kWh)

- Max. 7.68 kW continuous output
- IP66 rated, C4-M Corrosion resistance
- Expandable to 160 kWh
- 10 Years Warranty (8000 cycles) with optional 2-year extended coverage



110402100209 – V16 (16 kWh)

- Max. 10.24 kW continuous output
- IP66 rated, C4-M Corrosion resistance
- Expandable to 256 kWh
- 10 Years Warranty (8000 cycles) with optional 2-year extended coverage



Item		Specification	Quantity
V10a Power cable Set	161411100220	V10a negative and positive power cable, UL 10269, 1/0 AWG, 78.74 inch / 2000 mm	1 pc
	161411100221		
Cascading cable	161411100250	V10a cascading communication cable, 59.06 inch / 1500 mm, Cat 6 standard ethernet cable with waterproof RJ45 connectors	1 pc
Ground wire	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 conduit entry plate to the battery	4 pcs
Cover plate	150219100190	V10a battery terminal protection cover, SGCC, 20.83 × 9.06 × 1.89 inch / 529 × 230 × 48 mm	1 pc
Conduit entry plate	150219100191	V10a conduit entry plate, suitable for conduit size: 1.5 inch / 38.1 mm, SGCC, 5.10 × 4.31 × 2.15 inch / 129.5 × 109.5 × 54.5 mm	1 pc
Wall-mounted bracket	150208100032	V10a Wall-mount bracket, SGCC, 22.83 × 12.66 × 1.18 inch / 580 × 321.5 × 30 mm	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	V16 negative and positive power cable, UL 10269, 2/0 AWG, 78.74 inch / 2000 mm	1 pc
	161411100284		
Cascading cable	161411100250	V16 cascading communication cable, 59.06 inch / 1500 mm, Cat 6 standard ethernet cable with waterproof RJ45 connectors	1 pc
Ground wire	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 conduit entry plate to the battery	4 pcs
Cover plate	150219100209	V16 battery terminal protection cover, SGCC, 27.50 × 9.06 × 1.89 inch / 698.5 × 230 × 48mm	1 pc
Conduit entry plate	150219100211	V16 conduit entry plate, suitable for conduit size: 1.5 inch / 38.1mm, SGCC, 5.49 × 5.10 × 2.95 inch / 139.5 × 129.5 × 75 mm	1 pc
Wall-mount bracket	150208100034	V16 Wall-mount bracket, SGCC, 23.62 × 13.84 × 1.18 inch / 600 × 351.5 × 30 mm	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

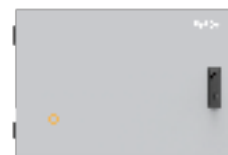
110409100247 – C-BOX (With Busbar)

- 1000Vdc, 500 A rated Busbar integrated, 5" M10 Studs
- 26.30 x 12.05 x 17.72 inch / 668 x 306 x 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)

- 26.30 x 12.05 x 17.72 inch / 668 x 306 x 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

- 78.74 inch / 2000 mm
- Suitable for V10a, V16
- Waterproof RJ45 connector on battery side
- Standard RJ45 connector on inverter 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 x 10.43 x (height adjustable between 12.80 ~ 13.58) inch / 688 x 265 x (height adjustable between 325 ~ 345) mm
- V16 base for ground mount installation



161412100465 & 161412100466 – Busbar Parallel Cable Set

- UL 10269, 2/0 AWG, 78.74 inch / 2000 mm
- Used to connect two C-Box in parallel



150219100205 – Lifting Handle

- V10a, V16 lifting tool



110409100236-V10a Base

- 27.09 x 10.43 x (height adjustable between 4.13 ~ 4.92) inch / 688 x 265 x (height adjustable between 105 ~ 125) mm
- V10a base for ground mount installation

