

V5° CUSTOMIZABLE ESS BUNDLES SELECTION GUIDE

LOW UPFRONT INVESTMENT

CUSTOMIZABLE CONFIGURATIONS

FUTURE-PROOF EXPANSIONS



PYTES (USA) Energy Inc.
BATTERY EXPERT & GREEN ENERGY PROVIDER

**LI-ION BATTERY FOR
ENERGY STORAGE**

Part Number	Item	Quantity
110408100020	Sol-Ark 12K-2P-N	1 pc
1104020100159	V5°	4 pcs
161412100465	2/0 AWG Power Cable Set	1 pc
161412100466	Standard Communication Cable	1 pc
110409100154	V-BOX-OC	1 pc



12 kW / 20 kWh
UL 9540 Certified
Outdoor Rated

Part Number	Item	Quantity
110408100021	Sol Ark 15K-2P-N	1 pc
110402100159	V5°	6 pcs
161412100465	2/0 AWG Power Cable Set	2 pcs
161412100466	Standard Communication Cable	1 pc
150208100001	V5° Bracket Set	6 pcs



15 kW/30kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
110408100021	Sol Ark 15K-2P-N	1 pc
110402100159	V5°	6 pcs
110409100168	4/0 AWG 90° Power Cable Set	2 pcs
161412101071	Standard Communication Cable	2 pcs
110409100163	V-BOX-IC	2 pcs



15 kW / 30 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
110408100021	Sol Ark 15K-2P-N	2 pcs
110402100159	V5°	12 pcs
161412100465	2/0 AWG Power Cable Set	8 pcs
110409100205	600A Busbar	2 pcs
161412101071	Standard Communication Cable	1 pc
110403100125	HV48100 12S Cabinet	1 pc



30 kW / 60kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
110408100158	Sol-Ark 18K-2P-N	1 pc
1104020100159	V5°	8 pcs
161412100465	2/0 AWG Power Cable Set	2 pcs
161412101071	Standard Communication Cable	1 pc
110409100154	V-BOX-OC	2 pcs



18 kW / 40 kWh
UL 9540 Certified
Outdoor Rated

Part Number	Item	Quantity
110408100158	Sol Ark 18K-2P-N	2 pcs
110402100159	V5°	12 pcs
161412100465	2/0 AWG Power Cable Set	8 pcs
N/A	1000A Busbar	1 pc
161412101071	Standard Communication Cable	1 pc
110403100125	HV48100 12S Cabinet	1 pc



36 kW / 60 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
110408100158	Sol Ark 18K-2P-N	3 pcs
110402100159	V5°	24 pcs
161412100465	2/0 AWG Power Cable Set	12 pcs
N/A	1000A Busbar	1 pc
110409100001	HUB	1 pc
161412101071	Standard Communication Cable	2 pcs
110403100125	HV48100 12S Cabinet	2 pcs



54 kW / 120 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
N/A	SNA-US 6K	1pc
110402100159	V5°	3 pcs
161412101024	1/0 AWG Power Cable Set	1pc
161412101026	Standard Communication Cable	1pc
161412100229	V5° Bracket Set	3 pcs



6 kW / 15 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
N/A	LXP-LB-US 8K	1pc
110402100159	V5°	4 pcs
161412100465	2/0 AWG Power Cable Set	1pc
161412100466	Standard Communication Cable	1pc
110409100154	V-BOX-OC	1pc
110409100149		



8 kW / 20 kWh
UL 9540 Certified
Outdoor Rated

Part Number	Item	Quantity
N/A	LXP-LB-US 10K	1pc
110402100159	V5°	6 pcs
161412100465	2/0 AWG Power Cable	1pc
161412101071	Standard Communication Cable	1pc
150208100001	V5° Bracket Set	6 pcs



10 kW / 30 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
N/A	LXP-LB-US 12K	1pc
110402100159	V5°	6 pcs
110409100168	4/0 AWG 90° Power Cable Set	2 pcs
161412101071	Standard Communication Cable	2 pcs
110409100163	V-BOX-IC	2 pcs



12 kW / 30 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
N/A	SNA US 12K	1pc
110402100159	V5°	6 pcs
161412100465	2/0 AWG Power Cable	2 pcs
161412101071	Standard Communication Cable	1pc
150208100001	V5° Bracket Set	6 pcs



12 kW / 30 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
N/A	SNA US 15K	1pc
110402100159	V5°	6 pcs
161412100465	2/0 AWG Power Cable	2 pcs
161412101071	Standard Communication Cable	1pc
150208100001	V5° Bracket Set	6 pcs



15 kW / 30 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
N/A	GEN-LB-US 13K	1pc
110402100159	V5°	8 pcs
161412100465	2/0 AWG Power Cable Set	2 pcs
161412100466	Standard Communication Cable	2 pcs
110409100154	V-BOX-OC	2 pcs
110409100149		



13 kW / 40 kWh
UL 9540 Certified
Outdoor Rated

Part Number	Item	Quantity
N/A	GEN-LB-US 16K	2 pcs
110402100159	V5°	12 pcs
161412100465	2/0 AWG Power Cable Set	6 pcs
110409100205	600A Busbar	2 pcs
161412101071	Standard Communication Cable	1pc
110403100125	HV48100 12S Cabinet	1pc



32 kW / 60 kWh
UL 9540 Certified
Indoor Rated

Part Number	Item	Quantity
N/A	ELS-114K	1 pc
110402100159	V5°	3 pcs
161412100465	2/0 AWG Power Cable Set	1 pc
161412100466	Standard Communication Cable	1 pc
161412101071	V5° Bracket Set	3 pcs
110409100163		

Part Number	Item	Quantity
N/A	ELS-114K	1 pc
110402100159	V5°	4 pcs
161412100465	2/0 AWG Power Cable Set	1 pc
161412100466	Standard Communication Cable	1 pc
161412100229		
110409100154	V-BOX-OC	1 pc
110409100149		

Part Number	Item	Quantity
N/A	ELS-114K	1 pc
110402100159	V5°	6 pcs
161412100465	2/0 AWG Power Cable Set	1 pc
161412100466	Standard Communication Cable	1 pc
161412101071	V5° Bracket Set	6 pcs
150208100001		

Part Number	Item	Quantity
N/A	ELS-114K	1 pc
110402100159	V5°	6 pcs
110409100204	300A Busbar	2 pcs
110409100168	4/0 AWG 90° Power Cable Set	2 pcs
161412101071	Standard Communication Cable	2 pcs
110409100163	V-BOX-IC	2 pcs



11.4 kW / 15 kWh
UL 9540 Certified
Indoor Rated



11.4 kW / 20 kWh
UL 9540 Certified
Outdoor Rated



11.4 kW / 30 kWh
UL 9540 Certified
Indoor Rated



12 kW / 30 kWh
UL 9540 Certified
Indoor Rated

V5° Accessories



110409100001



162002100019



161412101071



161412101024/26/61/62/65/66



110409100204



110409100205



110409100168

Part Number	Name	Specification
161412100461	4/0 AWG Power Cable	UL 10269 - 4/0 AWG -78.74 inch / 2000 mm - M10*2
161412100462	2/0 AWG Power Cable	UL 10269 - 2/0 AWG -78.74 inch / 2000 mm - M10*2
161412100465	2/0 AWG Power Cable	UL 10269 - 2/0 AWG -78.74 inch / 2000 mm - M10*2
161412100466	2/0 AWG Power Cable	UL 10269 - 2/0 AWG -78.74 inch / 2000 mm - M10*2
161412101024	1/0 AWG Power Cable	UL 10269 - 1/0 AWG -78.74 inch / 2000 mm - M6 & M10
161412101026	1/0 AWG Power Cable	UL 10269 - 1/0 AWG -78.74 inch / 2000 mm - M6 & M10
110409100168	4/0 AWG 90° Power Cable	UL 10269 - 4/0 AWG -78.74 inch / 2000 mm - M6 & 90° M10, dedicated for V-BOX-IC
161412101071	Communication Cables	137.8 inch / 3500 mm, Standard Cat 6 Ethernet Cable, suitable for Sol-Ark, Aps, LuxPower, etc.
110409100001	Hub	Enables communication with multiple groups of batteries
162002100019	V5 WIFI Dongle	Remote upgrades and monitoring
110409100204	300A Busbar	300A rated, 12*M5+2*M10 studs
110409100205	600A Busbar	600A rated, 6*M10+2*M8 studs

V5° Enclosures



V5° Bracket



V5° BK1



V5° BK2



V-BOX-NEMA 3



V-BOX-IC se



V-BOX-IC



V-BOX-OC



HV48100 12S

Mounting	Floor	Wall	Wall	Wall/Ground	Floor (movable)	Floor (movable)	Ground	Floor
Ingress Rating	-	-	-	NEMA 3	IP20	IP20	IP55/NEMA 3	IP20
Max. Battery Qty.	6	1	2	2	3/6	3/6	4	13
Dimensions (W*D*H)	197*245*71	Upper 106*362*5.71/ 27*92*145	Upper 106*1146*736/ 27*291*187	Ground: 20.53*17.01*28.25/ 52150*43193*71743	20.98*22.24*25.98/ 533*565*660	20.98*24.25*25.59/ 533*616*650	25.39*15.55*54.92/ 645*395*1395	23.43*26.77*82.68/ 595*680*2100
(inch/mm)	50*62.20*177.80	Lower auxiliary 189*197*2.36/ 48*50*60	Lower auxiliary 2.09*2.36*1.97/ 53*60*50	Wall: 20.53*17.09*31.39/ 52150*434*79743				
Weight(lb/kg)	3.17/144	1.63/0.74	4.61/2.09	65.04/29.50	61.07/27.70	93.04/42.20	194.01/88	304.24/138
Integrated	/	/	/	Busbar	/	/	Busbar & Breaker	/

Inverter Compatibility List

