

**Complete Set of Kit_A of PV Hybrid Energy Storage
3.28KWp PV Rooftop Panel adopting a Full-black 410Wp Module and a 3.6KW5.12KWh Energy Storage All-in-One Machine;**

Components	Product Mode	Product Photo	Short Description	1 kit	Qty
Mono-crystalline Silicon PV Module	TD-410MC-108HC		Peak Power: 410Wp; Vmpp=31.20 V; Impp=13.15 A; Voc=37.5 V; Isc=13.88A; Efficiency=20.97%; Size: 1724x1134x35mm;	8Pcs. x410Wp /Pcs. =3,280Wp	8
PV Rack	JX009; Glazed Tile Rooftop Bracket (Straight Flexible Hook Type)		Aluminum alloy as main materials; Qty. in total: 2 sets; (Each set of Mounting Rack is designed to install 4 pcs. of 410Wp solar module)	2 Sets	2
	Guiding Rail		JX-DG010A L=5,880mm 	4 pcs	
	Intermediate briquette		Medium pressure 20*25*L40, Hexagon socket head bolt M8*30 Spring pad M8 Slider nut M8	16 pcs	
	edge clamp		BY042 side pressure 30*L40, Hexagon socket head bolt M8*30 Spring pad M8 Slider nut M8	8 pcs	
	Hook		straight adjustable hook JX-WG001 Span: 1,700mm	16 pcs	
	Slider		M8*25 hexagon socket head bolt Flat pad spring pad +Slider nut M8	16 pcs	
	wood screws		M6*50	64 pcs	
PV Extension Cable	compatible MC4 solarline 2 (latching) extension cable of 4.0mm ² , 15m length, male /female,		15m /pcs	2 pcs	2
PV-side Disconnector Box	SISO-40MS2		With DC circuit breaker, DC Surge Protection Device and DC Rated Fuses; Waterproof Grade: IP65;	1 pcs	1
DC Extension Cable	BV 1*4mm ² , 1*4.0mm ² , 10m length; plus one pair of compatible MC4 Connector;		10m /pcs; from DC Disconnector Box to Grid-tied Inverter;	2 pcs	2
Household Hybrid Energy Storage All-in-One Machine	WH-SPHA3.6H-5.12KWh		Hybrid /Bi-directional Inverter: 3.6KW; PV Input: Absolute max Voltage (d.c.V) 600 MPPT Voltage Range (d.c.V) 100...550 Max. DC Input Power (W) 4,800 Start-up Voltage (d.c.V) 90 Rated Operating Voltage (d.c.V) 360 Max. Input Current (d.c.A) 12.5/12.5 Max. inverter backfeed current to array (d.c.A) 0 Isc PV (d.c.A) 18 /18 NO. of MPPT Trackers 2 NO. of Strings per MPPT Tracker: 1; AC Input/Output: Rated Apparent Power: 3,600 Rated Apparent Power to Grid (VA) 3,600 Rated Voltage: 220 /230 /240; Rated Frequency [Hz] 50/60; Battery: Battery Capacity: LiFePO4 5.12KWh; Nominal Battery Voltage (d.c.V) 204.8; Nominal Battery Voltage (d.c.V) 320...454.4; Max. Charge/Discharge Current (d.c.A) 25/25; Cycling times: 6500;	1pcs	1