



BYD Battery-Box Premium LVS Introduction



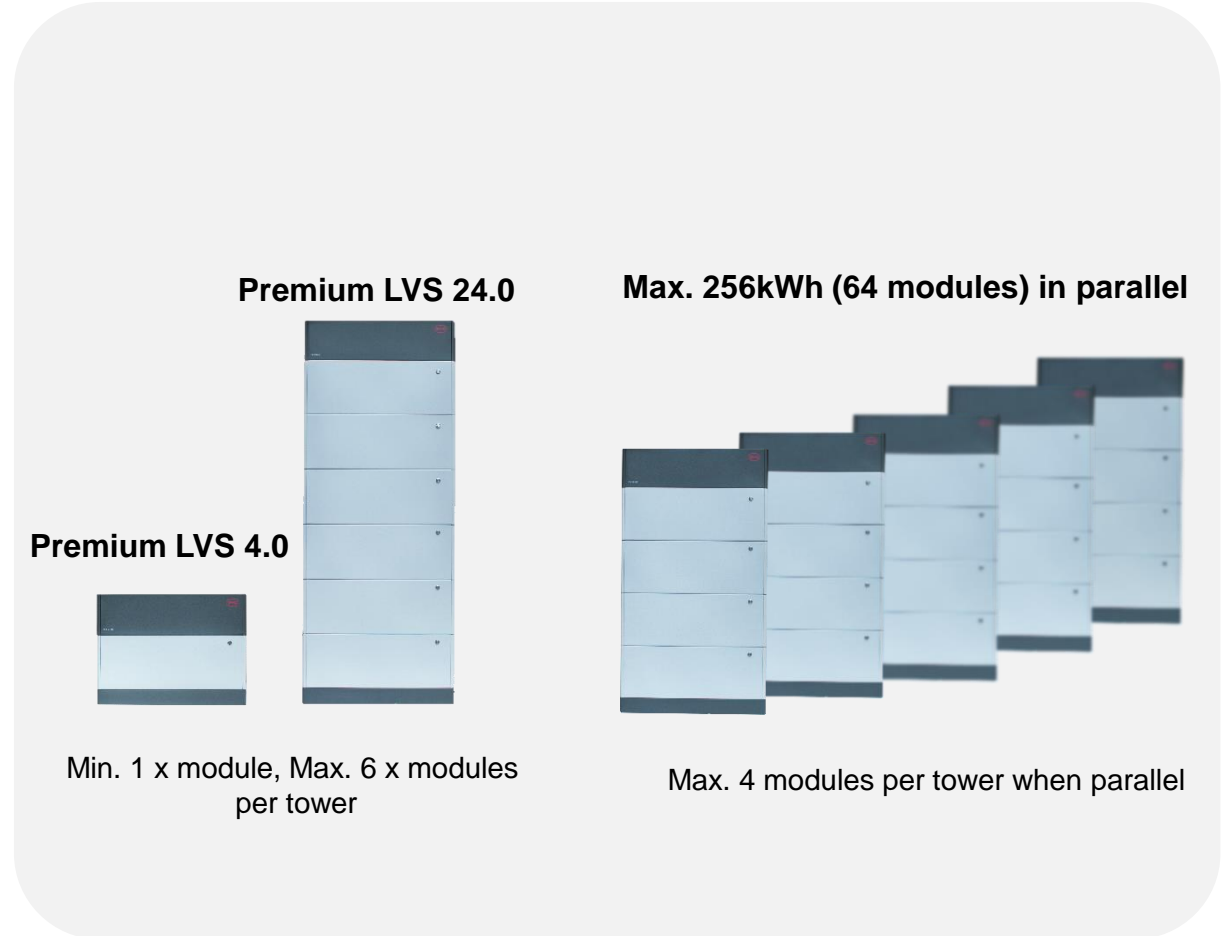
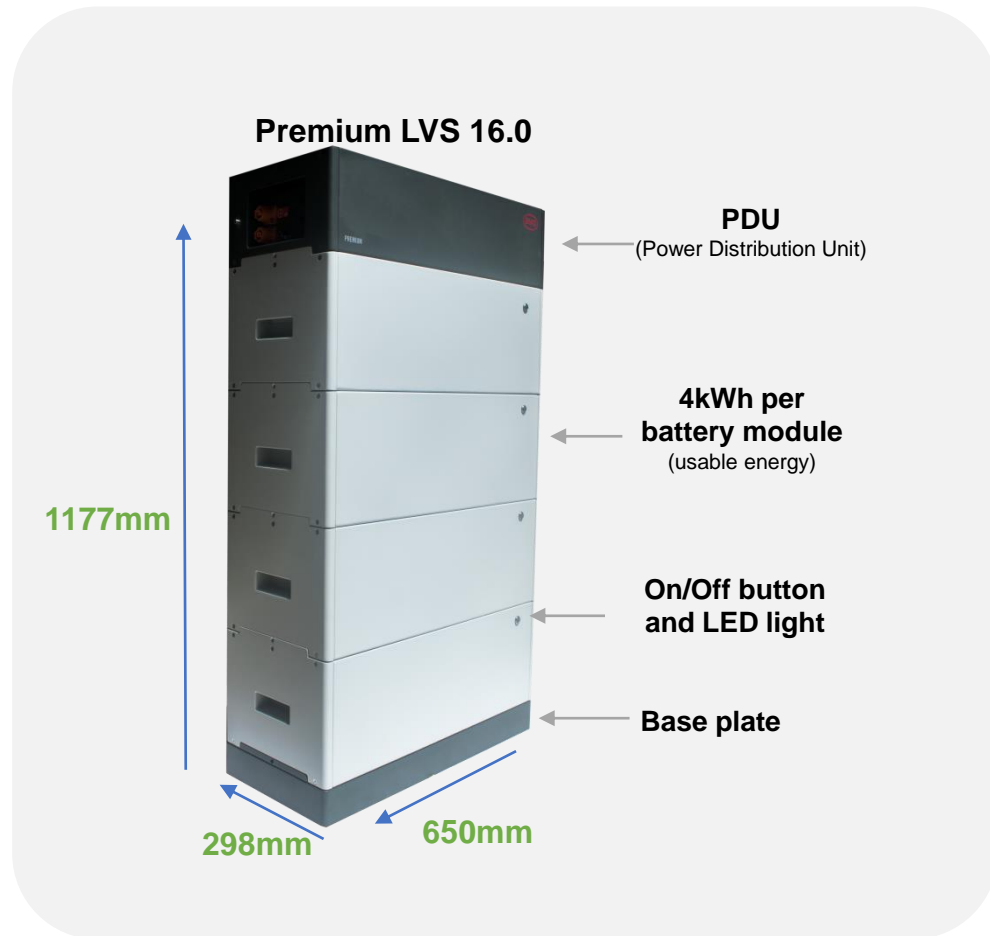
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Parameters – LVS 4.0-24.0 vs. LV 3.5-14.0

	Battery-Box Premium LVS							Battery-Box LV			
	LVS 4.0	LVS 8.0	LVS 12.0	LVS 16.0	LVS 20.0	LVS 24.0		L 3.5	L 7.0	L 10.5	L 14.0
Battery Module	LVS (51.2V, 4kWh, 45Kg)						vs	B-Plus L3.5 (51.2V, 3.5kWh, 45Kg)			
Number of modules	1	2	3	4	5	6		1	2	3	4
Usable Energy(Kwh)	4.0	8.0	12.0	16.0	20.0	24.0		3.5	7	10.5	14
Max Output Current(A)	65	130	195	250	250	250		58	117	175	195
Peak Output Current	90A 5s	180A 5s	270A 5s	360A 5s	360A 5s	360A 5s		97A 10s	195A 10s	293A 10s	293A 10s
Dimensions(H×W×D)	478*650*298	711*650*298	944*650*298	1177*650*298	1410*650*298	1643*650*298		497*620*355	733*620*355	968*620*355	1205*620*355
Weight (kg)	64	109	154	199	244	289		65	107	149	191
Scalability	Max. 64 modules in parallel (256Kwh)				Single Tower Only			Max. 3 systems in parallel (42 kWh)			
Application	On Grid/On Grid + Backup/ Off Grid							On Grid/On Grid + Backup			

Premium LVS System Overview



| A Real Plug and Play System



State-of-art Plug and Play solution, saving installation

Supporting cable size



The PDU supports 35mm², 50mm² and 70mm² cable via different male connector (accessory, excluded in the PDU), customer can choose the connector package according to different inverter and application: ① is the same for all cables, ②③④⑤ are different for different cable size.

Connector package1 (for 70mm² cable): a full set, include part ①②③④⑤ as shown in the picture

Connector package2 (for 50mm² cable): a full set, include part ①②③④⑤ as shown in the picture

Connector package3 (for 35mm² cable): a full set, include part ①②③④⑤ as shown in the picture

Electrical Performance Comparison

Premium LVS 4.0-16.0



14%+ Higher Usable Energy
4.0 kWh vs. 3.5 kWh

11%+ Higher Output Current
28%+ Higher Output Current specially for LVS 16.0
vs. LV14 (250A vs. 195A)

6x Maximum System Capacity
256kWh vs. 42kWh

LV3.5-14.0



Battery-Box Premium LVS Features and Overview

On-grid / Off-grid capable, IP55 – supports a wider range of applications, no cabinet saving transportation cost (combines the advantages of the LV 3.5-14.0 and Pro/Res 2.5-10.0)

Plug & Play – easy connectivity, no need to open the case for battery wiring, saves installation time and minimizes errors

Enhanced scalability up to 64 modules – 256kWh, 3 times the Pro series and 6 times the LV series

VDE2510-50 / IEC 62619 / IEC 62040

On / Off Button and LED Indicator

**Remote monitoring and diagnosis
App “Be Connect” for easy commissioning**



Plug & Play Cable Connection

Thank You

Be Premium, Be Connect, Be Partner



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