



What is the BYD battery-box premium LVS?

The BYD Battery-Box Premium LVS is a lithium iron phosphate (LFP) battery pack for use with an external inverter. A single Battery-Box Premium LVS contains between Connect up to 16 Battery-Box LVS 16.0 in parallel for a maximum size of 256 kWh. Ability to scale by adding LVS modules or parallel towers of 1 to 4 modules later.

What is the battery-box premium LVS?

The Battery-Box Premium LVS is therefore the first model to bring the extremely user-friendly installation feature to the off-grid space. Another new feature is that even the Power Distribution Unit (PDU) does not have to be opened for cable connections.

Does the battery-box premium LVS come with an external BMU?

The Battery-Box Premium LVS comes with an external BMU. Even up to the maximum number of 64 connected modules only one BMU is needed to collect all the data of the different batteries and to communicate as interface with the inverter.

Which battery inverter is compatible with the battery-box premium LVS?

The Battery-Box Premium LVS is compatible with a wide variety of leading 1- and 3-phase battery inverters. Compared to the predecessor LV models, the new low-voltage system has a 14% higher usable energy output of 4 kWh, a 12% higher output current and six times the total capacity with up to 256 kWh.

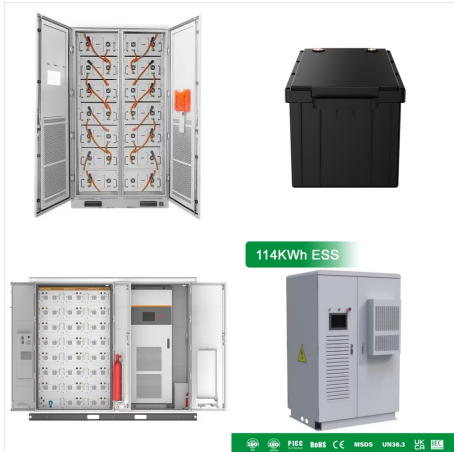
Is battery-box premium LVS available in the EMEA & APAC region?

Shenzhen/Munich, June 16, 2020 - BYD Co. Ltd., one of the world's largest manufacturers of rechargeable batteries, announced the availability of Battery-Box Premium LVS in the EMEA and APAC regions in August 2020.

How many battery-box LVS can be connected in parallel?

Connect up to 16 Battery-Box LVS 16.0 in parallel for a maximum size of 256 kWh. Ability to scale by adding LVS modules or parallel towers of 1 to 4 modules later. DC Usable Energy, Test conditions: 100% DOD, 0.2C charge & discharge at +25 °C.

BATTERY BOX PREMIUM LVS VENEZUELA



This document is valid for the Battery-Box Premium LVS 4.0, 8.0, 12.0, 16.0, 20.0, 24.0. 1.2. Target Group The instructions in this document may only be performed by qualified persons who must have the following skills: ??? Knowledge of how batteries work and are operated

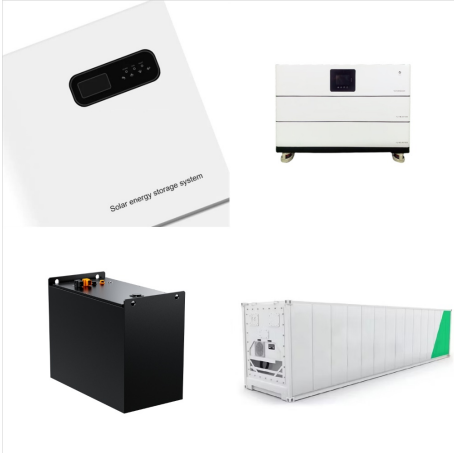


BATTERY-BOX PREMIUM LVS BATTERY-BOX PREMIUM LVS FLEXIBLE, EFICIENTE, SIMPLE Conecta hasta 16 Battery-Box LVS en paralelo para alcanzar 256 kWh. Es posible ampliar m?dulos en una ?nica torre hasta 6 m?dulos o conectar torres en paralelo con un m?ximo de 4 m?dulos por torre.



PREMIUM LVS LVS 4.0 LVS 24.0 LVS 4.0 LVS 16.0 16 x LVS 16.0 BATTERYBOX PREMIUM LVS Spolehlivost LFP V?zkum a V?voj Zah?jeno od roku 2002 Obra??te se na Dokument Z?ruky pro BYD Battery-Box Premium Limited. TECHNICK? PARAMETRY PREMIUM LVS LVS (4 kWh, 51,2 V, 45 kg) LVS 4.0 1 4 kWh 65 A 90 A, 5 s 528 x 650 x 298 mm 64 kg LVS 24.0 6 24 kWh

BATTERY BOX PREMIUM LVS VENEZUELA



BYD Battery-Box Premium LVS Limited
Warranty-Commercial-EN V1.0 BYD Battery-Box
Premium Limited Warranty This Limited Warranty
applies to BYD Battery-Box Premium Product (LVS
4.0, 8.0, 12.0, 16.0, 20.0, 24.0) ("Product") installed
in parallel (with a combined Usable Energy of
Products is equal or more than 50kWh) on or after
Jun.1st, 2020.



This document is valid for the Battery-Box Premium
LVS 4.0, 8.0, 12.0, 16.0, 20.0, 24.0. Target Group
The instructions in this document may only be
performed by qualified persons who must have the
following skills: ???Knowledge of how batteries
work and are operated



BYD Battery-Box Premium LVS is a lithium iron
phosphate (LFP) battery for use with a compatible
external inverter. BYD Battery-Box Premium LVS
contains 1 to 6 LVS modules in parallel and can
reach 3.84 kWh up to 23.0 kWh of useful ???

BATTERY BOX PREMIUM LVS

VENEZUELA



??? Battery-Box LVS 8.0 (8 kWh) ??? Battery-Box LVS 12.0 (12 kWh) ??? Battery-Box LVS 16.0 (16 kWh) ??? Battery-Box LVS 20.0 (20 kWh - configurazione torre singola) ??? Battery-Box LVS 24.0 (24 kWh - configurazione torre singola)

BATTERY-BOX PREMIUM LVS BATTERY-BOX PREMIUM LVS FLESSIBILE, EFFICIENTE, SEMPLICE Collega in parallelo fino a 16



BATTERY-BOX PREMIUM LVS BATTERY-BOX PREMIUM LVS FLEXIBLE, EFICIENTE, SIMPLE

Conecta hasta 16 Battery-Box LVS en paralelo para alcanzar 256 kWh. Es posible ampliar m?dulos en una ?nica torre hasta 6 m?dulos o conectar torres en paralelo con un m?ximo de 4 m?dulos por torre.



BYD Battery-Box Premium LVS 12.0 ??? 48 V

Batterij. De nieuwe systeemgeneratie is gebaseerd op de bekende opslag en beschikt over alle vroegere functies. Met de Battery-Box Premium LVS biedt de nieuwe serie 10% meer capaciteit bij iets kleinere afmetingen en door een duidelijke vermindering van het gewicht van de Bcu (Battery-Control-Unit)

BATTERY BOX PREMIUM LVS

VENEZUELA



BATTERYBOX PREMIUM LVS LVS 4.0 LVS 24.0
LVS 4.0 LVS 16.0 16 x LVS 16.0 [1] Nutzbare DC
Kapazität. Testbedingungen: 100% DOD, 0,2C
Ladung und Entladung bei +25°C ; nutzbare
Kapazität ggf. abhängig vom Wechselrichter. BYD
Lithium Battery Co.,Ltd Weltweiter Vertrieb:
batteryboxgrp@byd Weltweiter Kundendienst:
bboxservice@byd



The Battery-Box Premium LVS is the new
generation of BYD battery storage systems and,
compared to its forerunner, not only offers all the
previous functions but also higher storage
capacities. Thanks to the further development of cell
???



1 x Bateria Litio BYD BASE (PDU) para Premium
LVS: Esta unidad de control o PDU forma parte de
la batería modular de bajo voltaje Battery-Box
Premium LVS de BYD y sirve para conformar un
sistema de almacenamiento Litio BYD para
sistemas fotovoltaicos o solares. Se instala en
agrupaciones de 1 hasta 6 módulos de batería
LVS.

BATTERY BOX PREMIUM LVS VENEZUELA



BYD Battery-Box Premium LVS Minimum Configuration List 3 Be Premium, Be Connect, Be Partner 1. Minimum Configuration List On-Grid Single Phase BYD Battery-Box Premium Module Number Tower Number Compatible Inverter Model Compatible Inverter Brand LVS ???1 ???1 SI 4.4M SMA *Planned configuration, subject to change. ???1 ???1 SI 6.0H



inverter. A single Battery-Box Premium LVS Lite contains between 1 to 4 battery modules LVS Lite stacked in parallel and can reach 4 to 16.0 kWh usable capacity in one tower: ??? Battery-Box LVS Lite 4.0 (4 kWh) ??? Battery-Box LVS Lite 8.0 (8 kWh) ??? Battery-Box LVS Lite 12.0 (12 kWh) ??? Battery-Box LVS Lite 16.0 (16 kWh) BATTERY-BOX PREMIUM

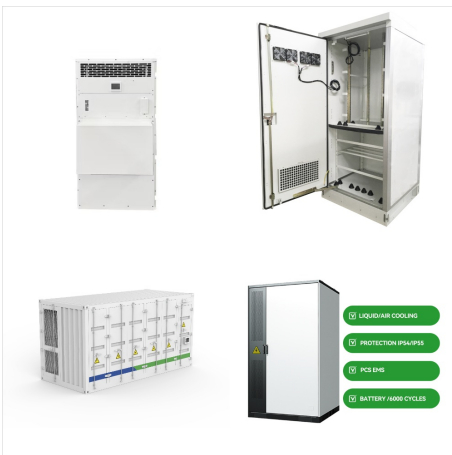


inverter. A single Battery-Box Premium LVS contains between 1 to 6 battery modules LVS stacked in parallel and can reach 4 to 24.0 kWh usable capacity in one tower: ??? Battery-Box LVS 4.0 (4 kWh) ??? Battery-Box LVS 8.0 (8 kWh) ??? Battery-Box LVS 12.0 (12 kWh) ??? Battery-Box LVS 16.0 (16 kWh) ??? Battery-Box LVS 20.0 (20 kWh - single tower only)

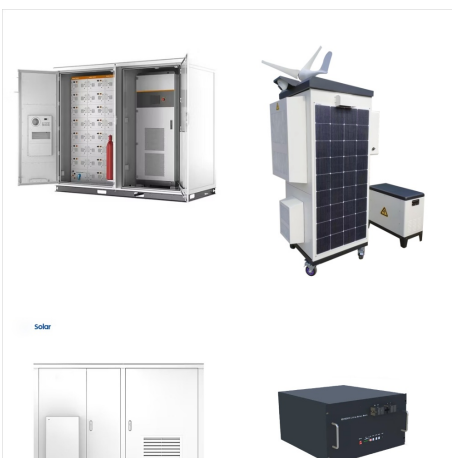
BATTERY BOX PREMIUM LVS VENEZUELA



BYD Battery-Box Premium LVS Guía de Servicio & Checklist Versión 1.1 Válido Premium LVS 4.0 / 8.0 / 12.0 / 16.0 / 20.0 / 24.0 LVS 16.0 (4 módulos + PDU. Mx. 64 módulos en 16 torres por sistema) BMU (1 x por sistema) Asegúrese de utilizar siempre la última versión de este documento de servicio, disponible en: ybox



BYD Battery-Box Premium LVS low voltage battery (48V) to be combined with various three-phase and single-phase inverters. Scalable from 4 kWh to 246 kWh; Maximum Flexibility for any application with up to 64 ???



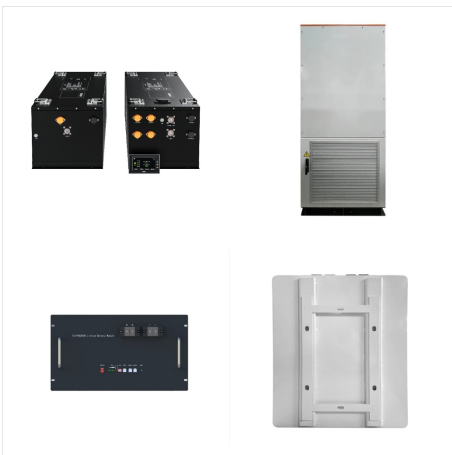
A single Battery-Box Premium LVS contains between 1 to 6 battery modules LVS stacked in parallel and can reach 4 to 24.0 kWh usable capacity in one tower: ??? Battery-Box LVS 4.0 (4 kWh) ??? Battery-Box LVS 8.0 (8 kWh) ??? Battery-Box LVS 12.0 (12 kWh) ??? Battery-Box LVS 16.0 (16 kWh)

BATTERY BOX PREMIUM LVS

VENEZUELA



Pojedyncza Battery-Box Premium LVS zawiera od 1 do 6 modułów akumulatorów LVS ułożonych równolegle i może osiągnąć pojemność od 4 do 24,0 kWh w jednej wieży. Battery-Box LVS 4.0 (4 kWh) Battery-Box LVS 8.0 (8 kWh) Battery-Box LVS 12.0 (12 kWh) Battery-Box LVS 16.0 (16 kWh)



BYD Battery-Box Premium LVS Service Guideline and Checklist Version 1.1 Valable pour Premium LVS 4.0 / 8.0 / 12.0 / 16.0 / 20.0 / 24.0 LVS 16.0 (4 modules + PDU. Max. 64 modules dans 16 tours par système) BMU (1 x par système) Assurez-vous de toujours utiliser la dernière version de ce document de service, disponible sur :



BYD Company Limited Battery-Box EU Service Partner Battery-Box AU Service Partner BYD US Service EFT-Systems GmbH Alps Power Pty Ltd Global Sales: batteryboxgrp@byd bboxusservice@byd Global Service: bboxservice@byd info@eft-systems service@alpspower

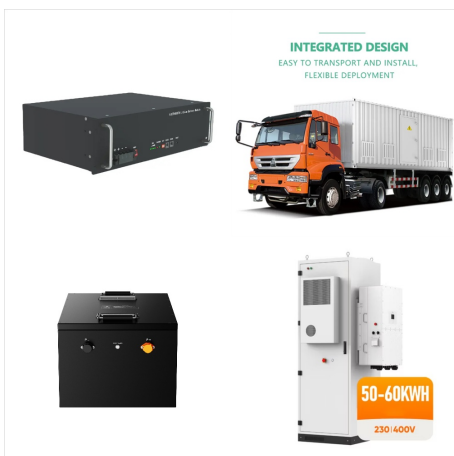
BATTERY BOX PREMIUM LVS VENEZUELA



??? Battery-Box LVS Lite 16.0 (16 kWh)
BATTERY-BOX PREMIUM LVS. LITE.
BATTERY-BOX PREMIUM LVS. LITE. FLEXIBLE,
EFFICIENT, SIMPLE . LVS LITE 4.0 Connect up to
2 Battery-Box LVS Lite 16.0 in parallel for a
maximum size of 32 kWh. Ability to scale by adding
LVS Lite modules or parallel towers of 1 to 4
modules. 2 x LVS LITE 16.0. BYD Company Limited



Un seul Battery-Box Premium LVS contient entre 1
et 6 modules de batterie LVS empilés en parallèle et
peut atteindre la capacité utilisable de 4 à 24.0 kWh
dans une tour. ??? Battery-Box LVS 4.0 (4 kWh)
??? Battery-Box LVS 8.0 (8 kWh) ??? Battery-Box
LVS 12.0 (12 kWh)

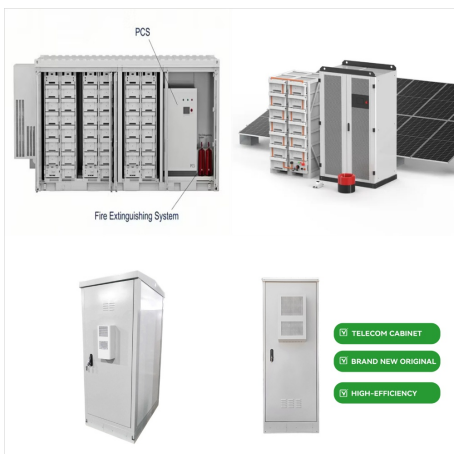


BYD Battery-Box Premium can be combined with
the Fronius GEN24 Plus. Working in perfect
harmony When combined together, the Fronius
GEN24 Plus hybrid inverter and BYD Battery-Box
Premium can deliver high charging and ???

BATTERY BOX PREMIUM LVS VENEZUELA



1 x Batería Litio BYD BASE (PDU) para Premium LVS: Esta unidad de control o PDU forma parte de la batería modular de bajo voltaje Battery-Box Premium LVS de BYD y sirve para conformar un sistema de almacenamiento Litio BYD para ???



BYD Battery-Box Premium LVS Service Guideline and Checklist Version 1.0 Valid for Premium LVS 4.0 / 8.0 / 12.0 / 16.0 / 20.0 / 24.0 LVS 16.0 (4 Modules + PDU - max. 64 Modules in 16 Towers per System) BMU (1 x per System) Make sure to always use the latest version of this service document,



Pojedyncza Battery-Box Premium LVS zawiera od 1 do 6 modułów w akumulatorów LVS ułożonych równolegle i może 1/4 e osiagnąć pojemność ułożonych od 4 do 24,0 kWh w jednej wieży. Battery-Box LVS 4.0 (4 kWh) Battery-Box LVS 8.0 (8 kWh) Battery-Box LVS 12.0 (12 kWh) Battery-Box LVS 16.0 (16 kWh)

BATTERY BOX PREMIUM LVS VENEZUELA



BYD Battery-Box Premium LVS Guía de Servicio & Checklist Versión 1.0 Válido Premium LVS 4.0 / 8.0 / 12.0 / 16.0 / 20.0 / 24.0 LVS 16.0 (4 módulos + PDU. Mx. 64 módulos en 16 torres por sistema) BMU (1 x por sistema) Asegúrese de utilizar ???



inverter. A single Battery-Box Premium LVS contains between 1 to 6 battery modules LVS stacked in parallel and can reach 4 to 24.0 kWh usable capacity in one tower: ??? Battery-Box LVS 4.0 (4 kWh) ??? Battery-Box LVS 8.0 (8 kWh) ??? Battery-Box LVS 12.0 (12 kWh) ??? Battery-Box LVS 16.0 (16 kWh) ??? Battery-Box LVS 20.0 (20 kWh - single tower only)



BYD Battery-Box Premium LVS Limited Warranty-Residential-Europe-EN V1.0 Test value list: Product Model End of discharge voltage(V) Constant charge voltage(V) Constant current(A) LVS 4.0 40 59 15 LVS 8.0 30 LVS 12.0 45 LVS 16.0 60 LVS 20.0 60 LVS 24.0 60 1.4. Limited Performance Warranty for additional battery modules