

## Solar Energy South Africa

# Norfolk Island battery box premium hvm



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### [BYD Battery-Box Premium HVM module](#)

BYD Battery-Box Premium HVM: BMU  $\geq$  V3.12, BMS  $\geq$  V3.18; One Battery-Box Premium HVM is composed of 3 to 8 HVM battery modules that are connected in series to achieve a usable capacity of 8.3 to 22.1 kWh. Additionally, direct

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### [BATTERYBOX PREMIUM HVM](#)

TECHNICAL PARAMETERS PREMIUM HVM(US) [1] DC Usable Energy, Test conditions: 100% DOD, 0.2C charge & discharge at + 77°F. System Usable Energy may vary with different inverter brands. [2] Power derating will occur between 14°F and 41°F. [3] Conditions apply. Refer to BYD Battery-Box Premium Limited Warranty Letter. Operating Temperature



- 50KW/100KWH
- HIGHER POWER OUTPUT IN OFF-GRID MODE
- CONVENIENT OPERATION & MAINTENANCE
- PRE-WIRED

### [BYD Battery-Box Premium HVS/HVM](#)

The BYD Battery-Box Premium line impresses with the following strengths: / Lithium iron phosphate battery storage unit, modularly expandable in 2.6 kWh (HVS) and 2.8 kWh (HVM) steps / Storage capacities from 5.1 to 12.8 kWh

...

### [BYD HVM Premium Battery](#)

More possibilities exist when your BYD HVM

Premium solar battery is installed by a local BYD Partner with in-depth BYD solar battery knowledge. BYD HVM Premium. The BYD HVM Premium is the safe, modular solar battery for connection ease with Fronius GEN24, Goodwe ET & EH, and the new SMA hybrid inverter range.



### **BYD Battery-Box Premium HVM 8.3 - rasuni**

BYD Battery-Box Premium HVM 8.3 Battery Module: HVM (2.76 kWh, 51.2 V, 38 kg) Number of Modules: 3 Usable Energy [1]: 8.28 kWh Max Output Current [2]: 50 A Peak Output Current [2]: 75 A, 5 s Nominal Voltage: 153 V Operating Voltage: 120~180 V Dimensions (H/W/D): 945 x 585 x 298 mm Weight: 129 kg BYD BATTERY-BOX PREMIUM SMA Sunny Island; SMA



### **BYD Battery-Box Premium HVM 16.56kW/hrs with BCU & Base**

The new BYD Battery-Box Premium HVM 16.6 kW Li Ion Solar Battery Storage system generation builds on the well-known memories and has all previous functions. With the Battery-Box Premium HVM, a battery module comes onto the market that has higher storage capacities than its predecessor. The further development of cell technology has reduced the



### [BYD B-Box Premium HVS/HVM \(BCU+Base\)](#)

NUR BCU + BASE BYD Battery-Box Premium HVM ist ein Hochvolt-Akku Batterie Speicher für alle Anwendungen geeignet für 1- und 3-Phasen-



Systeme mit flexiblem Baukastensystem und Parallelschaltung, für alle Photovoltaikanlagen geeignet BYD Battery-Box Premium HVS ist ein Hochvolt-Akku Batterie Speicher für alle Anwendungen

## [BATTERY-BOX PREMIUM HVS / HVM](#)

Eine Battery-Box Premium HVM besteht aus 3 bis 8 HVM-Batteriemodulen, die in Reihe geschaltet sind, um eine Kapazität von 8,3 bis 22,1 kWh zu erreichen. Die direkte Parallelschaltung von bis zu 3 identischen Battery-Box Premium HVM ermöglicht zusätzlich eine maximale Leistung von 66,2 kWh. Das System kann durch Hinzufügen zusätzlicher HVM-



## [BYD Battery-Box Premium HVS/HVM](#)

Conjugués, l'onduleur hybride Fronius GEN24 Plus et la BYD Battery-Box Premium atteignent des puissances de charge et de décharge élevées. L'énergie produite par l'installation photovoltaïque peut ainsi être utilisée et stockée de manière optimale, afin d'être accessible lorsque le soleil cesse de briller.

## [BYD Battery-Box Premium HVM module](#)

The new BYD Battery-Box Premium module battery storage system generation builds on the well-known memories and has all previous functions. The Battery-Box Premium HVM is a

battery module that has higher storage capacities than its predecessor. The further development of cell technology has reduced the system weight by almost 30%.



## BYD Battery Box Premium , Perth Solar Force

One Battery-Box Premium HVM is composed of 3 to 8 HVM battery modules connected in a series. You can expand this system by adding more modules or groups of modules later. 8.3kWh - 22.1kWh Usable Capacity; Emergency-backup & off-grid functionality; Tailored sizing for each application; Easily adapts to new requirements;



## BATTERY-BOX PREMIUM HVS/HVM COMBINER BOX

Modelos Battery-Box compatibles BYD Battery-Box Premium HVS & HVM Número máximo de torres en paralelo 3 Corriente máxima por torre 35 A Corriente máxima de salida 40 A Dimensiones (H/W/D) 350 x 540 x 120 mm Peso 9.7 kg Voltaje máximo de operación 1000 V (DC) Nivel de protección IP55



## BATTERYBOX PREMIUM HVM

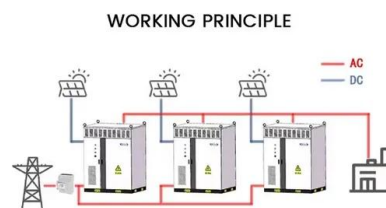
BATTERYBOX PREMIUM HVM(US) 66.2 kWh  
Maximum capacity of HVM 8.3 HVM 22.1 3 x HVM 22.1 BATTERYBOX PREMIUM HVM(US) BatteryBox EU Service Partner Refer to BYD Battery-Box Premium Limited Warranty Letter. Operating Temperature Battery Type Communication

Protection Rating Round-trip Efficiency ...



## BYD Battery-Box Premium HVM module

The new BYD Battery-Box Premium module battery storage system generation builds on the well-known memories and has all previous functions. The Battery-Box Premium HVM is a battery module that has higher storage capacities than ...



## **BYD announces compatibility of Battery-Box Premium**

Battery-Box Premium LVL with SMA's Sunny Island inverter line has already been met with a high interest Each Battery-Box Premium HVM system is composed of 3 to 8 HVM battery modules with 2.76kWh each that are connected in series to achieve a usable capacity of 8.3 to 22.1kWh. A connection of up to three

## BATTERY-BOX PREMIUM HVS / HVM

identycznych Battery-Box Premium HVS pozwala uzyskać maksymalną pojemność 38,4 kWh. Możliwość skalowania poprzez dodanie modułów HVS lub równoległych stosów HVS później. BATTERY-BOX PREMIUM HVS BATTERY-BOX PREMIUM HVS / HVM ELASTYCZNY, EFEKTYWNY, PROSTY BATTERY-BOX PREMIUM HVM HVS 5.1 3

x HVS 12.8 HVM 8.3 3 x ...



### BATTERY-BOX PREMIUM HVS / HVM

One Battery-Box Premium HVM is composed of 3 to 8 HVM . battery modules that are connected in series to achieve a usable capacity of 8.3 to 22.1 kWh. Additionally, direct parallel connection of up to 3 identical Battery-Box Premium HVM allows a maximum capacity of . 66.2 kWh.



### BATTERY-BOX PREMIUM HVS / HVM

Battery-Box Premium HVM è composta da 3 a 8 HVS moduli collegati in serie per ottenere una capacità utilizzabile da 8.3 a 22.1 kWh. La connessione parallela di fino a 3 torri uguali di Battery-Box Premium HVM consente una capacità massima di 66.2 kWh. Inoltre, questo modello offre la ...



### BYD Battery-Box Premium HVM 8.3

Datasheet BYD Battery-Box Premium HVM 8.3  
BYD Battery-Box HVM 8.3 + Base & Cover. De C-BYD-HVM-8.3 bestaat uit 3 HVM Batterij-modules van ieder 38kg en een Base & Cover. De universele BYD HVM batterij Box kan op veel manieren worden gebruikt. De batterij kan voor zowel een enkelfase als een driefase hoog

voltage omvormer worden toegepast.

## BYD Battery-Box Premium HVM 22.1 , Magazyny energii

BYD Battery-Box Premium HVM modul bateryjny 2.76 kWh. 8 \* BYD Battery-Box Premium HVM modul bateryjny 2.76 kWh (05-000479)  
 Informacje producenta. Firma BYD rozpoczęła działalność w 1995 roku jako startup liczący 20 pracowników - obecnie światowy koncern zatrudnia 240 000 pracowników i posiada portfolio z wizją przyszłości.



## Compatibility of BYD Battery-Box Premium and Fronius Symo ...

Based on the modular design of the battery system this means with the Battery-Box Premium HVM system customers can use up to 8 HVM battery modules with 2.76 kWh each that are connected in series to achieve a usable capacity of up to 22.1 kWh. A connection of up to three identical Battery-Box Premium HVM allows a maximum capacity of 66.2 kWh.

## BATTERY-BOX PREMIUM HVS / HVM

Eine Battery-Box Premium HVM besteht aus 3 bis 8 HVM-Batteriemodulen, die in Reihe geschaltet sind, um eine Kapazität von 8,3 bis 22,1 kWh zu erreichen. Die direkte Parallelschaltung von bis zu 3 identischen Battery-Box Premium HVM ermöglicht zusätzlich eine maximale Leistung von 66,2 kWh. Das System kann durch Hinzufügen zusätzlicher HVM-





## BYD Battery-Box Premium Limited Warranty

BYD Battery-Box Premium HVS& HVM Limited Warranty-Australia-EN V1.1 6 / 10 3.4.If BYD does not repair or replace the defective Product or parts, BYD will refund You an amount of money calculated as follows: a) If the Product fails to comply with the Limited Performance Warranty in clause 1.3, BYD

## Batería Litio BYD Módulo Premium HVM 2.76kWh

La anterior gama HV, además de esta Battery-Box Premium HVM también se divide en los modelos Battery-Box Premium HVS, con una serie de características distintas como una menor capacidad de apilacion de módulos y una inferior tasa de descarga, entre otras diferencias. Instalación Batería Litio BYD B-Box HVM Premium 2.76kWh

Warranty  
**10 years**

LiFePO<sub>4</sub>

Intelligent BMS

Wide Temp:  
-20°C to 55°C



## Battery Box Premium Operating Manual HVS HVM V1 1

1. This document provides installation and operation instructions for BYD Battery-Box high voltage battery systems. 2. Safety precautions are outlined that must be followed which include warnings about battery leaks, fires, electric shocks, overvoltages and weight. 3. The battery system components are described along with instructions for installation, electrical connection to an ...

[BATTERY-BOX PREMIUM HVS / HVM](#)

Battery-Box Premium HVS ermöglicht zusätzlich eine maximale Kapazität von 38,4 kWh. Das System kann durch Hinzufügen zusätzlicher HVS-Module oder paralleler HVS-Türme später erweitert werden. BATTERY-BOX PREMIUM HVS BATTERY-BOX PREMIUM HVS / HVM EINFACH. FLEXIBEL BATTERY-BOX PREMIUM HVM HVS 5.1 3 x HVS 12.8 HVM 8.3 3 x ...



## Batería Litio BYD B-Box HVM Premium 22.1kWh

1 x Batería Litio BYD BASE+BCU para HVS y HVM: La unidad de control y parte indispensable de las baterías modulares de alto voltaje Battery-Box Premium HVS y HVM. Un sistema HVS o HVM precisa de este BMS y entre 2 y 5 módulos HVS o entre 3 y 8 módulos del modelo HVM. También se incluye la base para poder apilar los módulos en su parte

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