



# Hubble lithium battery Senegal

Is Hubble a leading lithium battery manufacturer in South Africa?

Founded during the COVID-19 pandemic in 2020, Hubble has, in only two years, become one of the leading lithium-ion battery manufacturers in South Africa, with lithium products ranging from 1,2KWh to 2,5MWh.

What type of battery does Hubble lithium use?

Hubble Lithium's AM5 model is a low voltage (51V),5.12kWh battery made up of superior prismatic lithium-ion cells. These battery cells have more energy density and a longer cycle life compared to standard lithium cells C-Rating: 1C Compatible with Axpert (Mecer,RCT,Kodak,etc) Solis,Sunsynk,Deye and Victron inverters.

What type of battery does a Hubble AM5 have?

Hubble AM5 Battery - 51.2V 5.12KWh Lithium BatteriesThe AM-5 is the first of its series to have LFP prismatic cells,featuring a 5.12kWh,51V system capacity as well as monitoring capabilities via the Hubble Cloudlink. Rating: 1C. Unlimited Cycle Warranty.

What is a Hubble lithium high voltage system?

With higher density and little to no maintenance required,the Hubble Lithium High Voltage System is farmers' answer to the backup power needed to keep their operations running smoothly. Hubble Lithium designs,engineers,and supplies lithium batteries for the solar,renewable,and power backup industry in South Africa and sub-Saharan Africa.

How long does it take Hubble lithium to deliver a battery?

Delivery 2 to 4 working days,may be longer to outlying areas. Hubble Lithium's AM5 model is a low voltage (51V),5.12kWh battery made up of superior prismatic lithium-ion cells. These battery cells have more energy density and a longer cycle life compared to standard lithium cells

Can a Hubble battery be used with an inverter?

The Hubble range of Lithium batteries integrates with a wide range of inverters through CAN bus,alternatively the Hubble range of lithium batteries can be used without communications if your inverter supports settings by voltage. The AM Series stands for Any Mount.

Hubble AM2 51V 5.5kW Lithium Li-Ion Battery (includes DC battery cabling and wall mountable) - REVISION 2. Item Code: GW-A-Hubble-AM2-REV 2. Share. Share; Tweet; Pinterest; Earn 200 points/R200 (Each R100 spent = 1 point, 1 ...

Page 1 HUBBLE LITHIUM X100-48 Integrated Lithium-ion Battery User Manual Version:V2.0 Released Date:2020-06-08...; Page 2 Quick Setup The Hubble is designed to work with 48V UPS and inverter systems and will work under ...



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Optimize your Sunsynk inverter with Hubble Energy batteries using our detailed setup guide, including settings, communication and troubleshooting. View now! ... The below settings are the recommended settings to use for the corresponding Hubble Energy battery, as seen on the Sunsynk display. AC and normal lights should appear green. Shutdown ...

o Advanced BMS with current limiting function  
o CAN Bus, fully integrates and communicates with leading Inverter brands  
o Excellent high temperature performance  
o High Cycle Life and Service Life  
o RIOT integration ready for cloud monitoring  
o 1C High Performance Lithium battery  
o High Energy Density and conversion efficiency

Elevate your energy game with the Hubble 5.5kWh 51V X-101 Lithium Battery, combining high capacity with advanced technology for superior power storage. Key Features: Generous Storage Capacity: 5.5kWh to efficiently meet medium-scale energy demands. Optimal Voltage Output: 51V nominal voltage, ideal for diverse power ap

HUBBLE LITHIUM AM-2 MANUAL Integrated Lithium-ion Battery Manual for Hubble AM-2 Version:V1.1 ... The below is the pin configuration that the Hubble battery CAN bus port uses. Ensure you have the pin out for the cable required for your inverter. PIN Number CAN Pin 1 - 2 GROUND 3 - 4 CAN H 5 CAN L

Hubble 5.5KWh Lithium AM-2. ? JHB: 010 005 5269 | CPT: 021 003 9690 ... Good day, Could you please tell me if the Hubble AM 2 5kw /51v lithium battery is compatible with a Growatt spf 5Kw es inverte. If so what cables are required to connect ...

1C High performance lithium battery. Advanced BMS with current limiting function. Compatible with most inverters and chargers. High energy density and conversion efficiency . Complete with integrated Battery Management System. ...

This warranty covers the Hubble AM-10 51V 10kW wall mount lithium series of batteries (the "Battery"). The Battery is designed for and intended to have a 15-year life span. The Battery has a built-in reserve margin capacity to ensure the Battery life span is maximised, and the Battery is thus rated to deliver at least 100ah of power when new.

However, we recommend you only discharge down to 80% to maintain battery life. Whereas, as for the lithium-ion battery, you must apply a partial charge and discharge method which will reduce stress and prolong battery life. It is recommended to avoid full cycles and stay between 100% and 50% DoD (0-50% SoC).

Hubble AM5 Battery - 51.2V 5.12KWh Lithium Batteries The AM-5 is the first of its series to have LFP prismatic cells, featuring a 5.12kWh, 51V system capacity as well as monitoring capabilities via the Hubble



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Cloudlink. Rating: 1C. Unlimited Cycle Warranty.

Hubble Lithium's AM5 model is a low voltage (51V), 5.12kWh battery made up of superior prismatic lithium-ion cells. These battery cells have more energy density and a longer cycle life compared to standard lithium cells. C-Rating: 1C. Compatible with Axpert (Mecer, RCT, Kodak, etc) Solis, Sunsynk, Deye and Victron inverters.

Hubble Lithium Wall Mount Battery 10kW 51.2V AM-10. Superior LFP prismatic cells make the Hubble Battery AM-10 another exceptional addition to our popular AM series! This model is two times bigger than the new AM-5, featuring a whopping 10kWh system capacity as well as monitoring capabilities via the Hubble Cloudlink. Low self discharge

Hubble AM 10 Lithium Battery Specifications. 1C Rating; Cloudlink-ready; LFP Prismatic cells; 10 Year Unlimited Cycle Warranty (Ts & Cs Apply) Easy wall mount or rack installation; Parallel up to 8 units with full comms; Download Hubble AM10 Brochure Download Hubble AM10 Warranty. Hubble AM10 Features Low self discharge; High cycle and service life

Complete with integrated Battery Management System; Heavy duty side handles for easy handling and mounting on the wall; Built in protection for over-charge, over-discharge & over-temperature; CAN Bus, fully integrates and ...

Page 1 HUBBLE LITHIUM X100-48 Integrated Lithium-ion Battery User Manual Version:V2.0 Released Date:2020-06-08...; Page 2 Quick Setup The Hubble is designed to work with 48V UPS and inverter systems and will work under AGM charge characteristics. For solar inverters that is not on the approved integration list it is recommended to set your inverter battery ...

The Hubble Cloudlink provides 24/7 remote monitoring, boasting industry-grade end-to-end encryption and a user-friendly plug-and-play design. With fleet management features, access to both live and historical data, and a real-time power flow dashboard, it serves as the ideal solution for homeowners, installers, and corporations seeking to manage and oversee their power ...

When it comes to powering your 24V inverter system with cutting-edge lithium technology, look no further than the Hubble AM-4 Lithium Battery. As the perfect match for the 24V inverter market, the AM-4 is designed to meet the growing demand for high-performance, reliable energy storage.

How do I reset comms at 100% SOC? Firstly, start with increasing your battery parameters with increments of 0.2V until you reach 100%. The three stages are: 1) Bulk/Equalised charge (current control) -used for fast charging when the SOC is low 2) Absorb charge (voltage control) -used to prevent over- charging the battery when the SOC is higher than a certain level 3) Float charge ...

Hubble Lithium designs, engineers, and supplies lithium batteries for the solar, renewable, and power backup



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industry in South Africa and sub-Saharan Africa. Founded during the COVID-19 pandemic in 2020, Hubble ...

Since our inception in 2020, Hubble Energy, previously known as Hubble Lithium, has been at the forefront of revolutionising the energy landscape in South Africa. With a focus on cutting-edge Battery Energy Storage Systems (BESS) and a commitment to sustainability, we have swiftly become a trusted name in the Lithium Battery Supplier industry ...

**Hubble AM5 Battery - 51.2V 5.12KWh Lithium Batteries** The AM-5 is the first of its series to have LFP prismatic cells, featuring a 5.12kWh, 51V system capacity as well as monitoring capabilities via the Hubble Cloudlink. Rating: 1C. Unlimited ...

Set the Lithium, maximum charge, and maximum discharge setting. Charge should be set to 0.5C per Hubble battery. Shutdown should not be lower than 20% to enhance battery life. Plug in the Deye CAN bus cable into the master Hubble battery ...

Which is why we recommend 20% SOC discharge on all Hubble Lithium batteries and 100% SOC recharge to reach bottom and top balance. The cycle life is given in a number of cycles. Factors influencing cycle life are the average state-of-charge (SoC), the range of SoC during the cycles, and the depth of discharge when starting with a fully charged ...

**Hubble Lithium AM2 5.5kWh 51V Battery Pack - Versatile and High-Performance Energy Storage.** The Hubble Lithium AM2 5.5kWh 51V Battery Pack is a high-quality, low-voltage lithium battery pack designed for off-grid, backup, and self-consumption residential energy systems. With a nominal capacity of 5.5kWh, this battery is perfect for ...

Apert type inverters require a Cloudlink to access full CAN-BUS communication with a Hubble Energy battery, it is however not required, and the system will be functional on user defined voltage control. CLOUDLINK. The Cloudlink will connect to a Microcare Inverter via:

Since our inception in 2020, Hubble Energy, previously known as Hubble Lithium, has been at the forefront of revolutionising the energy landscape in South Africa. With a focus on cutting-edge Battery Energy Storage Systems (BESS) and a ...

The Hubble S Series is a standalone li-ion LiFePO4 battery. These lithium batteries are in the form factor of traditional lead-acid/agm/gel batteries (slightly SMALLER than a standard 100ah lead acid type battery). NB - Please ensure you can set your inverter CUT OFF voltage to 11.2V, else the BMS will cut off and the battery will go dead (and will need to be jumped) This means ...

Where the Single Battery Module : Total Inverter ratio is  $\geq 1:1$  eg. an AM-10 on a MultiPlus-II 5kVA (2:1) or an AM-2 on a Quattro-II 5kVA (1:1), then it is possible to commission the inverter directly from the battery . Before turning on the batteries, inverters or commissioning the system, the batteries must be



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connected to the DC bus with the fuses closed.

1C battery capable of providing a continuous charge/discharge power of 5.12kW. Versatile compatibility with leading inverter brands such as Victron, Kodak and Sunsynk. 10-year warranty, 15-year design life for the battery cells.

Low self discharge High cycle and service life Easy wall mount or shelf rack installation Excellent high temperature performance 0.75C High performance lithium battery Advanced BMS with current limiting function Compatible with ...

Hubble Lithium's AM-10 model is a low voltage (51V), 10kWh battery made up of superior prismatic lithium-ion cells. These battery cells have more energy density and a longer cycle life compared to standard lithium cells. C-Rating: 1C. Compatible with Axpert (Mecer, RCT, Kodak, etc) Solis, Sunsynk, Deye and Victron inverters.

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