



Sirius energy storage module price

60% charge. That is a lot of lost energy. Waseem has solved these problems. The result is the Sirius Storage Module. This is not a supercap, it is an energy storage module that uses supercaps to store energy, but the engineering around the supercap is what really adds value. Replacing chemical batteries with our storage module brings major ...

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 6700-48-B-1.4C-M-SD-A-X-X-G | Version Date: March 2020 This technical data sheet may change without notice and at the sole discretion of Kilowatt Labs, Inc. Solutions for: Microgrids | C&I and Residential Solar | Electric Vehicles | Utility Grade Storage

3550-48-B-1.7C-TM-SD-A-G - SIRIUS ENERGY STORAGE MODULE; See full Technical Data Sheet Here. Low power consumption; High accuracy of SOC; Firmware updatable through USB and Sirius Application; Detection of circuit board errors; Built-in real time clock for accurate data logging every 10 sec and calculating self-discharge;

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 1000-12-B-0.6C-A-G Version Date: 08-16-18 This technical data sheet may change without notice and at the sole discretion of Kilowatt Labs, Inc. Kilowatt Labs, Inc. | Kilowatt Labs, Inc. | 142 West 57th Street, 11th Floor, New York, NY 10019 | USA

High cycle life + high efficiency + low auxiliary opex = lowest cost of ownership and shortest payback. At off-grid locations, reduces generator maintenance costs and increases generator ...

Sirius Energy Storage products for stationary applications are currently available in selected markets. This modular and scalable system provides a technically and commercially viable, plug-and-play replacement for chemical batteries.

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 3550-48-B-1.7C-M-SD-A-X-X-19G | Version Date: January 2020 This technical data sheet may change without notice and at the sole discretion of Kilowatt Labs, Inc. Solutions for: Microgrids | C&I and Residential Solar | Electric Vehicles | Utility Grade Storage

A Patented, charge retention circuit, controls energy flows and slows down the typical capacitor discharge to a level where self-discharge is no longer of practical concern. The SIRIUS Super Capacitor Energy Storage Module only self-discharge 5% after 25 days! Technical Specifications Nominal Voltage: 12VDC Voltage Range: 11VDC 13.5VDC Capacity ...

SIRIUS SUPERCAPACITOR A market first for EFFICIENT ENERGY STORAGE SIRIUS ENERGY STORAGE MODULE ~ TECHNICAL DATA SHEET Part Number: 465-12-A-2C-G / Version Date:



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15-07-18 Nominal Voltage 12VDC Voltage Range 11VDC - 13.5VDC Capacity 465Wh Maximum Charge Rate (0%-100% SOC) 77A Maximum Discharge Rate (100% - 0% ...

Sirius capacitor module is the world's first super capacitor-based energy storage system. Features: Total energy: 3550Wh Nominal voltage: 48VDC Temperature range: -30degree to 80degree Celsius Supercap cell projected calendar life of 45 years and cycle life of 1,000,000 cycles Dimensions (WxLxH) :820x1250x450 mm Weight:89kg Non-toxic, with no ...

Kilowatt's Sirius Energy Storage is now available as a safe, efficient and effective alternative to chemical batteries. Sustainable Energy Systems . Our products meet the energy demands of today while unlocking the potential of . sustainable energy future-safely, economically, and efficiently. Subscribe. Email.

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Nominal Voltage 48VDC Voltage Range 44VDC - 54VDC Capacity 7100Wh Maximum Charge Rate (0% -100% SOC) 200A Maximum Discharge Rate (100% - 0% SOC) 200A Maximum Charging Voltage 54VDC Internal Resistance $\leq 3\text{m}\Omega$ DC to DC Roundtrip efficiency (@100A) 99.1% ...

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Nominal Voltage 48VDC Voltage Range 44VDC - 54VDC Capacity 3550Wh Maximum Charge Rate (0% -100% SOC) 100A ... energy, total energy delivered over lifetime, graphs System Monitoring of all modules connected together . Author:

Sirius. View Brochures. Showing all 5 results ... Alternative Energy SC-12V-500WH-SL - Supercap KWL Sirius 500Wh 12V SL (500Wh 12V Pole embedded super capacitor energy storage module) Rated 0 out of 5. Add To Quote. CONTACT US. National Share Call: +27 86 111 3507 Telephone: +27 11 453 0924

Sirius Energy is a clean energy installation company accredited by SAPVIA with a PV Green Card certification. ... Our energy storage module features 5.12kWh lithium-ion batteries, centrally managed for easy scalability. ... As the top two suppliers renowned for superior quality and unmatched performance-to-price ratio, both companies lead the ...

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 3550-48-B-1.7C-TM-SD-A-X-X-G | Version Date: July 2019 This technical data sheet may change without notice and at the sole discretion of Kilowatt Labs, Inc. Solutions for: Microgrids | C& I and Residential Solar | Electric Vehicles | Utility Grade Storage

All prices include VAT. ... Sirius capacitor module is the world's first super capacitor-based energy storage system. Features: Total energy: 3550Wh Nominal voltage: 48VDC Temperature range: -30degree to 80degree Celsius Supercap cell projected calendar life of 45 years and cycle life of 1,000,000 cycles Dimensions (W x L x H): 820x1250x450 mm ...

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SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 7100-48-B-2C-TM-SD-A-G Version Date: OCTOBER 2019 ... SOC and Energy Remote control (optional) Via Sirius Remote Control Communication and Connectivity USB Alarm ; Audible alarm in the event of Over/under-Voltage, Over-Current, Over Temperature . SIRIUSVIEW

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 7100-24-B-1C-TM-SD-A-X-X-G | Version Date: July 2020 This technical data sheet may change without notice and at the sole discretion of Kilowatt Labs, Inc. Solutions for: Microgrids | C& I and Residential Solar | Electric Vehicles | Utility Grade Storage

1 Performance may vary at different temperatures and at different C-rates. 2 Max. rate of charge and discharge is provided for a standard Sirius module. This rate may vary at different temperatures and for different Sirius modules. 3 Rapid charge of storage for EV's. 4 Rapid charge at 120C is not possible with chemical batteries. 5 On useable capacity basis.

With 3.55 kilowatt-hours of energy storage and a weight of 75 kilograms, the Kilowatt Labs Sirius supercapacitor module has a specific energy 2 of 47 watt-hours per kilogram. But if we just look at the cells, Arvio states they have an energy density of 70 watt-hours per kilogram. This is more than 10 times better than a typical supercapacitor.

Sirius Energy Storage Super Capacitor Module 3.55kWh, 48V - Kilowatt Labs; Independence Day Kit with Kilowatt Labs Super Capacitors; Supercapacitor Module 4kWH - 48v Kilowatt Labs; N. Operating Temperature Range-30 to 85+ degrees Celsius ...

Actively balanced and stable operation at all commercial voltages Flat discharge curve (module discharge rate is determined by the load) 2% per month self-discharge when idle and in sleep mode Cell level energy density of 70-80Wh/kg Supercap cell cycle life and capacity unaffected by high rate of charge or discharge Supercap cell projected calendar life of 45 years and cycle [...]

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 60-12-5C-SD-G Version Date: February 2020 ... If the module is to be operated continuously outside a temperature range of -10oC to 55oC, and/or at C-rates higher than the maximum charge/discharge rate specified in the spec sheet, please consult Kilowatt Labs or its Reseller ...

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 6700-48-B-1.4C-M-SD-A-X-X-G | Version Date: March 2020 This technical data sheet may change without notice and at the sole discretion of Kilowatt Labs, Inc. Solutions for: Microgrids | C& I and Residential Solar |



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Electric Vehicles | Utility Grade Storage

Super Capacitor Batteries Kilowatt Labs" super capacitor based storage, the Sirius, delivers the first super capacitor based energy storage system as an alternative to chemical batteries. The Sirius energy storage system is modular and can be discharged rapidly or slowly, depending upon the requirements of the load. The

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Part Number: 2852-24-B-1.7C-TM-SD-A-X-X-G | Version Date: January 2020 This technical data sheet may change without notice and at the sole discretion of Kilowatt Labs, Inc. Solutions for: Microgrids | C& I and Residential Solar | Electric Vehicles | Utility Grade Storage

SIRIUS ENERGY STORAGE MODULE TECHNICAL DATA SHEET Nominal Voltage 48VDC Voltage Range 44VDC - 54VDC Capacity 3550Wh Maximum Charge Rate (0% -100% SOC) 100A Maximum Discharge Rate (100% - 0% SOC) 100A Maximum Charging Voltage 54VDC Internal Resistance $\leq 3\text{m}\Omega$ DC to DC Roundtrip efficiency (@100A) 99.1% ...

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