

# ISRAEL MYRESERVE BATTERY



How safe is the battery storage system? The battery storage system is also protected from digital intrusion and meets the highest safety standards for transport, operation and occupational safety. Both systems components, the MyReserve Command which houses power electronics and the battery module MyReserve Pack, are each the size of a shoe box.



What is a myreserve system? The range of suitable applications now spans from a single-family home, to a craftsman's workshop, all the way up to industrial purposes. The system is built as a matrix consisting of just two components: the MyReserve Pack battery module and the MyReserve Command, which contains all the power electronics.



What is myreserve matrix? The new energy storage system MyReserve Matrix from Solarwatt has a modular design with a battery module and a command power box (bottom). Solarwatt launches a modular energy storage system, which can be easily adapted to the needs of different customer groups. The MyReserve Matrix only consists of the control module command and the battery packs.



What is a myreserve Matrix energy storage system? The MyReserve Matrix energy storage system is almost unlimited in terms of capacity and performance, making it suitable for any number of different applications: from single-family homes up to industrial use. With this system, we are able to cover 90 percent of all applications, Detlef Neuhaus Managing Director of Solarwatt says.



Does myreserve work with all types of inverters? You can build the right system for every need. MyReserve can adapt to any system. Expansion is possible in 2.4 kWh increments thanks to the modular design and the battery storage system is compatible with all common inverter types. The fully modular design makes it easy to service and perform maintenance.

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What is a myreserve pack & Command System? The system is built as a matrix consisting of just two components: the MyReserve Pack battery module and the MyReserve Command, which contains all the power electronics. The more storage capacity or performance required, the more MyReserve Packs and Commands can be combined to meet that need.



In summary, while there is some relationship between battery reserve capacity and battery voltage, they have different definitions and indicate different aspects of battery performance. The reserve capacity measures how long the battery can provide backup power, while the voltage indicates the battery's current state of charge.



SOLARWATT presents the first fully modular power storage device in the world: the MyReserve. Thanks to its extendable design, it is virtually unlimited in terms of capacity and performance. The system is built from modules that consists of ???



Representatives from Wind & Sun and BHC Distributors joined employees from Solarwatt's operation in Australia at the company's Dresden headquarters to receive training in it's product portfolio, including the MyReserve battery storage device due to be launched in the UK and Ireland early next year. Image: Solarwatt.



1 MyReserve Command 2 MyReserve Command 3 MyReserve Command  
4 MyReserve Command 5 MyReserve Command 6 MyReserve Command  
4 MyReserve Pack 8 MyReserve Pack 12 MyReserve Pack 16  
MyReserve Pack 20 MyReserve Pack 24 MyReserve Pack 9.6 kWh 19.2  
kWh 28.8 kWh 38.4 kWh 48.0 kWh 57.6 kWh



MyReserve-Daten im Blick und Installateure k?nnen Ger?te einfacher und schneller monitoren sowie warten. Erweiterung der MyReserve App durch die Installateurs-funktion Pro: ??? Zugriff auf spezielle Analysetools ??? Testmodus zur ?berpr?fung der Systemfunktionalit?t

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MyReserve Pack ??? the compact battery for optimum capacity With its outstanding battery efficiency of 99.2 %, the MyReserve Pack is the most efficient battery module in the world. This means you can rely on MyReserve to store your solar power efficiently. You can use the energy you generate yourself exactly when you need it.



SOLARWATT MyReserve Extension SOLARWATT Battery flex AC-1  
MyReserve Pack Batteriemodule - Verpackungsanweisung f?r  
R?cksendungen an Solarwatt BEGRIFFE UND ABK?RZUNGEN AC  
Wechselstrom (alternating current) DC Gleichstrom (direct current) ACS  
Wechselstrom Sensor AC-Sensor Flex CAN Controller Area Network  
RS485 RS485 Datenbus ???



Solarwatt has begun trials of its MyReserve battery storage system across the UK and Ireland in preparation for its official launch in April. Six domestic systems and one commercial size unit are currently being tested by ???



al seconds for a battery storage device to react to such changes, the charging and discharging capacity of the battery will lag behind the real power balance. Until the storage device delivers energy, the devices consume ex-pensive mains power. This has a long-term impact on the efficiency of the battery. MyReserve is programmed for a



MyReserve Pack ??? compact battery optimizes system capacity With its outstanding battery efficiency of 99.2%, MyReserve Pack is the most efficient solar power battery in the world. You can rely on MyReserve Matrix to store energy most efficiently so your privately-produced solar power is available exactly when you need it.

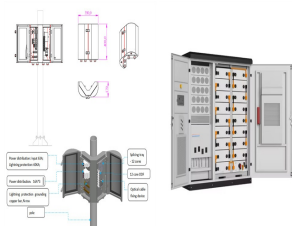
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SOLARWATT MyReserve fulfills the safety guidelines for lithium-ion battery storage systems completely. The battery storage system is also protected from digital intrusion and meets the highest safety standards for transport, operation ???



??? Non esporre MyReserve all'irraggiamento solare diretto - ??? Non installare MyReserve in ambienti interni umidi o in ambienti esterni non protetti da spruzzi d'acqua ??? Non installare MyReserve in ambienti con presenza di ??? Non installare MyReserve in ambienti con umidità relativa o esposti all'umidità relativa superiore all'85% ??? Non installare MyReserve in luoghi ubicati



Voici la roadmap de Solarwatt. Mi-2017, arrive la nouvelle génération de stockage MyReserve avec des capacités de 4,4, 5,6, 8,8 et 11 kWh. En 2017, nous devrions également voir apparaître un stockage MyReserve destiné à une installation extérieure : sur une toiture-terrasse ou côté des panneaux PV, par exemple.

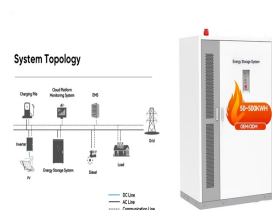


Need more power or capacity? Simply add another MyReserve Pack and Command. You can build the right system for every need. MyReserve can adapt to any system. Expansion is possible in 2.4 kWh increments thanks to the modular design and the battery storage system is compatible with all common inverter types. Environmentally friendly battery system



It can be installed with as little capacity as 2.2kWh but due to the scalable design of the Matrix storage solution, more battery modules can be added up to 2.2MWh. One control unit is needed for up to five battery modules, ???

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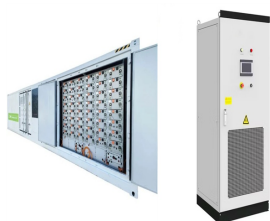
MyReserve Command is a highly efficient battery converter for DC-side integration between PV string and inverter. ??? Connection of 1 to 5 MyReserve Pack battery modules ??? Possible expansion via software-update to couple multiple systems ??? Peak output of up to 4 kW ??? ???



Battery fuse Integrated Warranty3) 10 years (min. 80 % of the usable energy) Cycle service life unlimited number of full cycles during the warranty period Supported devices Battery system MyReserve 500, MyReserve 800, MyReserve Command (20.2, 20.3, 20.4) Environmental and ambient conditions Permissible environ-mental operating temp.



Need more power or capacity? Simply add another MyReserve Pack and Command. You can build the right system for every need. MyReserve can adapt to any system. Expansion is possible in 2.4 kWh increments thanks to the modular design and the battery storage system is compatible with all common inverter types. Environmentally friendly battery system



Choose from various combinations of MyReserve Pack battery modules and MyReserve Commands depending on the installation. Note: Always use the MyReserve string configurator tool for system planning to ensure that the installation is best suited for the performance of the battery system. There are also other possible configurations beyond this table.



MyReserve wordt als compleet pakket geleverd en geïnstalleerd door de installateur. De energieopslag is dan binnen zeer korte tijd klaar voor gebruik. De kosten voor logistiek, opslag en installatie worden tot een minimum beperkt. ???



Solarwatt has introduced a new highly flexible battery product to the fast-moving solar+storage market. The Solarwatt MyReserve Matrix separates the battery cells from the power electronics,

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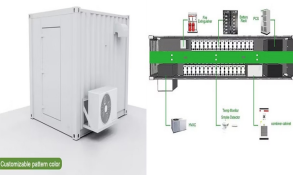
MyReserve Command is a highly efficient battery converter for DC-side integration between PV string and inverter. ??? Connection of 1 to 5 SOLARWATT MyReserve Pack 22.2 battery modules (corresponds to storable energy of 2.2 to 11 kWh) ??? Expansion possible for coupling with multiple systems ??? Peak output of up to 4 kW



??? Powerful lithium-ion battery module for MyReserve battery system  
 ??? 2.4 kWh usable energy per MyReserve Pack ??? 100 % Depth of Discharge ??? World record battery efficiency of 99.2 % ??? Long service life > 15 years ??? Single person installation (25 kg per MyReserve Pack)  
 ??? Certified safety with multiple safety controls



There are 3 Battery levels ??? Low battery, Reserve battery, and Critical battery. When the charge gets low, the battery icon in the notification area indicates a low-battery level. The default



The MyReserve Matrix system is comprised of just two basic components, the Pack battery module and the Command power electronics unit, which contains all connectors, sensors and control software for the system. It can be installed with as little capacity as 2.2kWh but due to the scaleable design of the Matrix storage solution, more battery



De bovenste pack sluit de Battery flex veilig af aan de bovenkant, zodat de thuisbatterij zowel binnen als buiten geplaatst kan worden. Hier wordt, net als in de middenpack, je energie tijdelijk opgeslagen. Solarwatt myreserve. Solarwatt myreserve met een opslagcapaciteit van 5kW. Energiecapaciteit = 57.6 kWh; 6kW piekvermogen; Lithium;



MyReserve Battery Storage Solution provides you with solar energy from your photovoltaic system even when the sun is not shining ensuring that none of that valuable solar power goes to waste. MyReserve was built from the beginning as the most intelligent system available. It ensures the

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highest amount of power saved is available as usable energy.



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6 MyReserve Commands can be coupled per system: Output up to 27 kW / battery capacity up to 72 kWh. 6. ENVIRONMENTALLY FRIENDLY All SOLARWATT manufacturing and administration buildings run on 100% green electricity. During its lifetime, a MyReserve battery stores approximately 10 times more clean energy than is required for its production.