

SUNNY CENTRAL STORAGE UP BRAZIL



What is the difference between SMA Sunny central storage & SCS up-XT? With a max. output of up to 4600 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. The SCS UP-XT versions allow a system design with higher output power and higher short-circuit current contribution.



What is SMA Sunny central storage? Grid management functions for dynamic grid support Integrated voltage supply for internal consumption and external loads With an output of up to 3960 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants.



What is Sunny Central up? As a global medium-voltage solution, the Sunny Central UP is the core of our turnkey system for PV power plants. It has been developed for worldwide use and complies with the highest international security standards. The Sunny Central UP Plug & Play System combines central inverter, transformer and storage solution in a compact unit.



What is the Sunny Central up Plug & Play system? The Sunny Central UP Plug & Play System combines central inverter, transformer and storage solution in a compact unit. In addition to facilitating transportation, the system enables fast and trouble-free project commissioning in the power plant. With the Sunny Central UP, we set new safety standards for power plants across the globe.



How long does Sunny Central up last? True 1,500 V DC technology and our improved intelligent cooling system OptiCool??? ensure smooth operation even at extreme temperatures and with a service life of 25 years. As a global medium-voltage solution, the Sunny Central UP is the core of our turnkey system for PV power plants.

SUNNY CENTRAL STORAGE UP BRAZIL

114KWh ESS



TSI BMS CE MCS3 150kV 15

Why should you choose sunny central up? SMA's most powerful system with an output power of up to 4,600 kVA for large-scale PV plants offers the advantage of 17% to 54% fewer inverters. With the Sunny Central UP, you benefit from significant cost reductions on transportation, installation, commissioning and service.

114KWh ESS



TSI BMS CE MCS3 150kV 15

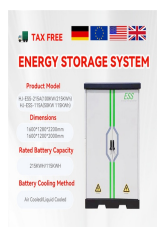
Der SMA Sunny Central Storage ermöglicht mit einer Leistung von bis zu 3067 kVA bei Systemspannungen von bis zu 1500 V DC eine effizientere und flexible Anlagenplanung in Speicherkraftwerken. Der Sunny Central Storage UP-XT erlaubt eine Anlagenauslegung mit höherer Ausgangsleistung und höherer Kurzschluss-Stromfestigkeit.



With an output of up to 3960 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. A separate voltage supply and additional space are available for the installation of customer equipment. The intelligent cooling sys-



With an output of up to 3960 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. A separate voltage supply and additional space are available for the installation of customer equipment.



The Sunny Central UP Plug & Play System combines central inverter, transformer and storage solution in a compact unit. In addition to facilitating transportation, the system enables fast and trouble-free project commissioning in the power plant.

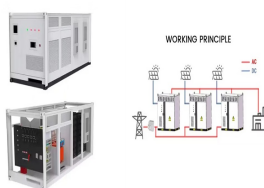


Battery inverter for large-scale storage systems. With a max. output of up to 4600 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. ???

SUNNY CENTRAL STORAGE UP BRAZIL



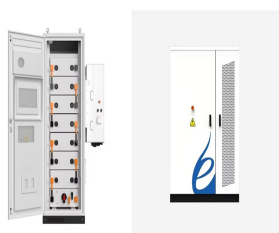
Battery inverters for large scale storage systems. With an output of up to 3960 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. A ???



With a max. output of up to 4600 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. The SCS UP-XT versions allow a system design with higher output power and higher short-circuit current contribution. The intelligent



Sunny Boy Storage 3.7 / 5.0 / 6.0; Sunny Island X; Sunny Island 4.4M / 6.0H / 8.0H; Sunny Island 4548-US / 6048-US; Sunny Central Storage UP; Sunny Central Storage 1900 / 2200 / 2475 / 2900; Multiclustor Box per Sunny Island; ???



SUNNY CENTRAL STORAGE UP-XT Battery inverter for large-scale storage systems With a max. output of up to 4000 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. The SCS UP-XT version allow a system design with higher



SUNNY CENTRAL UP Technische Daten Sunny Central 4000 UP Sunny Central 4200 UP DC-Seite MPP-Spannungsbereich V DC (bei 25 °C / bei 50 °C) 880 to 1325 V / 1050 V 921 to 1325 V / 1050 V Min. DC-Spannung V DC, min / Startspannung V DC, Start 849 V / 1030 V 891 V / 1071 V Max. DC-Spannung V DC, max 1500 V 1500 V Max. DC-Strom I DC, max 4750 A 4750

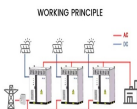
SUNNY CENTRAL STORAGE UP BRAZIL



SMA Sunny Central Storage UP3960 kVA, 1500 VDC, ???, ??? 1500 VOptiCool???

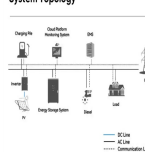


SUNNY CENTRAL STORAGE UP Technische Daten SCS 3450 UP SCS 3600 UP Batterieseite (DC) DC-Betriebsspannungsbereich V DC 880 V bis 1500 V 921 V bis 1500 V Max. DC-Strom I DC, max 4750 A Max. DC Kurzschlussstrom 12) 14) ?ber 500 kA Abgesicherte geteilte Anschluss-Schiene mit 6/6/6 Polen / abgesicherte einfache Sammelschiene 22 Anschl?sse pro ???



Description In this article you will find the Manuals of the Sunny Central Storage Systems. Manuals as pdf files and further documents of the Sunny Central Storage Systems can be found under the following links, which lead to our download area: . SCS UP (SCSxxxxUP) SCS 500 / 630 / 720 / 760 / 800 / 850 / 900 / 1000

System Topology



Sunny Boy Storage 2.5; Sunny Boy Storage 3.7 / 5.0 / 6.0; Sunny Island X; Sunny Island 4.4M / 6.0H / 8.0H; Sunny Island 4548-US / 6048-US; Sunny Central Storage 1900 / 2200 / 2475 / 2900; Sunny Central Storage UP; Sunny Central Storage UP-XT; Sunny Central Storage UP-S; Multicluster Boxes for Sunny Island; Solar Batteries. Back Solar Batteries



View and Download SMA SUNNY CENTRAL UP service manual online. Test Instructions for the Power-Generating Unit Protection Test. SUNNY CENTRAL UP inverter pdf manual download. Also for: Sunny central storage up, Sc 4000 up, Sc 4200 up, Sc 4400 up, Sc 4600 up, Scs 3450 up, Scs 3600 up,

SUNNY CENTRAL STORAGE UP BRAZIL



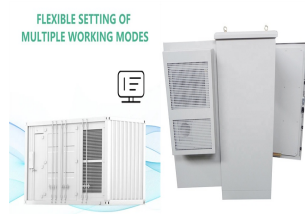
With a max. output of up to 3067 kVA and system vol-tages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. The SCS UP-XT versions allow a system design with higher output power and higher short-circuit current contribution. The intelligent



Sunny Central Storage UP-S represents a significant advancement in battery storage inverters, delivering power conversion efficiency through its innovative use of SiC Mosfet*semiconductors. It significantly reduces thermal stress while maintaining full operational capacity, even during grid-forming services, setting a new standard for reliability and performance.



Sunny Central UP 2660 / 2800 / 2930; Sunny Central UP 4000 / 4200 / 4400; Battery Inverters. Back Battery Inverters; Sunny Island 4.4M / 6.0H / 8.0H; Sunny Central Storage UP 3450 / 3600 / 3800; Sunny Central Storage 1900 / 2200 / 2475 / 2900; Sunny Central Storage UP-XT 3450 / 3600 / 3800; Sunny Central Storage UP-XT 2300 / 2400 / 2530 / 2630



SUNNY CENTRAL STORAGE UP **SUNNY CENTRAL STORAGE UP**
Battery inverter for large-scale storage systems With an output of up to 3960 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants. A separate voltage supply and additional space are available



Sunny Central Storage UP-US 3450 / 3600 / 3800 / 3950 SCS 3450 UP-US / SCS 3600 UP-US / SCS 3800 UP-US / SCS 3950 UP-US
Efficient ??? High power density ??? Max. efficiency of 98.8% ??? Lower transportation costs (up to 4 inverters in a standard shipping container)
Robust ??? Proven OptiCool??? technology for intelligent, effective cooling

SUNNY CENTRAL STORAGE UP BRAZIL



Battery inverters for large scale storage systems. With an output of up to 3960 kVA and system voltages up to 1500 V DC, the SMA Sunny Central Storage allows for more efficient and flexible system design for battery power plants.



Sunny Boy Storage 2.5; Sunny Boy Storage 3.7 / 5.0 / 6.0; Sunny Island X; Sunny Island 4.4M / 6.0H / 8.0H; Sunny Island 4548-US / 6048-US; Sunny Central Storage 1900 / 2200 / 2475 / 2900; Sunny Central Storage UP; Sunny Central Storage UP-XT; Sunny Central Storage UP-S; Muticluster Boxes para Sunny Island; Baterías solares. Volver Baterías



SUNNY CENTRAL 4000 UP-US / 4200 UP-US / 4400 UP-US / 4600 UP-US
SUNNY CENTRAL 4000 UP-US / 4200 UP-US / 4400 UP-US / 4600 UP-US
The new Sunny Central: more power per cubic meter ???
DC-coupled storage with optional charging from grid Easy to Use ???
Improved DC connection area ??? Connection area for customer equipment



Der Sunny Central Storage 4600 UP-S bietet eine verbesserte Energieeffizienz, längere Lebensdauer und höhere Ertragskraft. Hervorragende Kapazität: bis zu 4600 kVA mit überragender Ausgangsleistung. Maximierter Wirkungsgrad: arbeitet dank innovativer SiC-MOSFET-Halbleiter mit 99 % Kapazität.



Sunny Boy Storage 2.5; Sunny Boy Storage 3.7 / 5.0 / 6.0; Sunny Island X; Sunny Island 4.4M / 6.0H / 8.0H; Sunny Island 4548-US / 6048-US; Sunny Central Storage 1900 / 2200 / 2475 / 2900; Sunny Central Storage UP; Sunny Central ???

