

Solar Energy South Africa

Socomec sunsys pcs2 Kuwait

215kWh

8,000+ Cycles Lifetime

IP54 Protection Degree



Overview

How can sunsys PCS2 reduce peak consumption?

- Behind-the-Meter Energy Storage: Reduce peak consumption and maximise PV energy self-consumption. SUNSYS PCS² (IM) can limit the impact of increases in the electricity retail price by supplying the load to cut peak demand (peak shaving), maximising PV energy self-consumption at building or community level.

What is sunsys PCs (im)?

When directly connected to the grid, SUNSYS PCS (IM) improves stability and management of grid operators thanks to voltage and frequency regulation, load shifting, peak shaving and ancillary services for grid support. • 4.

Why should I contact socomec?

Please contact SOCOMEC for the correct configuration of the PCS according to the specific plant requirements. Please contact SOCOMEC for the correct configuration of the Battery according to the specific battery installed. 12.

What is socomec's liability?

SOCOMECS liability shall be limited, in its discretion, to the repair or replacement at its expense in its factory of all or part of the SUPPLY recognized as defective. CAUTION! If the unit is found to be damaged externally or internally, or any of the accessories are damaged or missing, contact SOCOMEC.

What is a socomec shelf?

The Socomec shelf can be used to facilitate the insertion of the upper three modules. The shelf can be used only by persons authorized by Socomec. Keep this shelf available to service people for commissioning or future maintenance activities. Page 25 - Make sure the shelf is properly assembled.

Socomec sunsys pcs2 Kuwait



**from 100 kVA / 189 kWh to
600kVA / 1218 kWh**

The SUNSYS HES L SKID is a compact modular battery-based energy storage system ideal for easy installation, transport and maintenance. Available in a wide range of configurations, with power from 100 to 600 kVA and energy storage ...

**from 100 kVA / 186 kWh to
600kVA / 1116 kWh**

Socomec Group. Company Profile 100 years of shared energy Meet the UK Team Our Expertise Power Switching SUNSYS HES L SKID is a compact modular energy storage system that has been designed to facilitate its transportation, installation and maintenance. Available in a wide range of configurations, power from 100 to 600 kVA and energy from



**socomec SUNSYS PCS2 Manuel
D'utilisation page 30**

Voir et télécharger socomec SUNSYS PCS2 manuel d'utilisation en ligne. SUNSYS PCS2 alimentations électriques téléchargement de manuel pdf LANGUES DISPONIBLES Les traductions en différentes langues sont conservées dans les fichiers avec l'extension *.g qui sont fournis par SOCOMEC.

socomec SUNSYS PCS2 Manuel

D'utilisation page 4

Voir et télécharger socomec SUNSYS PCS2 manuel d'utilisation en ligne. SUNSYS PCS2 alimentations électriques téléchargement de manuel pdf 1. NORMES DE SÉCURITÉ Ce manuel d'utilisation spécifie les procédures d'installation et de maintenance, les caractéristiques techniques et les



Intégrer intelligemment l'électricité photovoltaïque dans les réseaux

Le système SUNSYS PCS2 proposé par Socomec offre une solution pour l'intégration intelligente de l'électricité photovoltaïque dans les réseaux. Conjuguer une part grandissante d'énergie intermittente (photovoltaïque ou éolienne) et une demande variable est un enjeu majeur des réseaux électriques intelligents.

Socomec SUNSYS PCS2 100 TL Manuals , ManualsLib

We have 1 socomec SUNSYS PCS2 100 TL manual available for free PDF download: Installation And Operating Manual . socomec SUNSYS PCS2 100 TL Installation And Operating Manual (84 pages) Power Conversion System and Storage from 33 to 200 kVA. Brand: socomec



[Power Conversion System and Storage](#)

Whatever the application in this new environment, Socomec SUNSYS PCS² - Power Conversion System and Storage - is the concrete answer. Smart building and cities Reduce the



impact of increases in the SUNSYS PCS2 stores the energy to supply the loads during peak demand when prices are high. Solar parks Manage the intermittence of renewable

SUNSYSPCS2 IM

SUNSYS PCS2 IM, we offer a complete range of options for your energy storage projects, including Microgrid Control Module - with Power Management System and Islanding Controller -, AC and DC distribution modules - with protection devices - and integration in containers. High performance o The SUNSYS PCS2 IM modular design



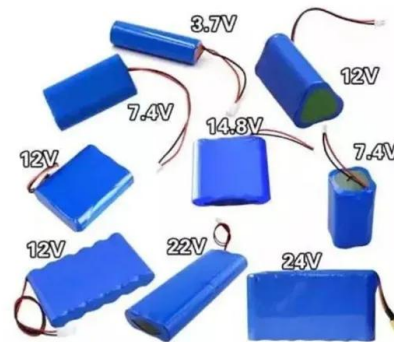
Power Conversion System and Storage

SUNSYS PCS2 Power Conversion System and Storage from 33 to 200 kVA - Ref.: IOMSUNPCXX04-EN 03 EN 3 CONTENTS 1. CERTIFICATE AND CONDITIONS OF WARRANTY 5 2. SAFETY STANDARDS 6 SUNSYS PCS2 Power Conversion System and Storage from 33 to 200 kVA - Ref.: IOMSUNPCXX04-EN 03 EN 5 1. CERTIFICATE AND ...

Energy Storage

Socomec is a 100+ years old company with expert knowledge in power conversion, switching and monitoring. SUNSYS HES XXL systems, including inverter, batteries and control cabinets, are certified and tested. Our systems have undergone a type-testing procedure to

guarantee reliable behavior and performance,
reducing the time and effort



SUNSYS PCS2 IM

SOCOMECSUNSYS PCS² IM 3 The benefit of the
SUNSYS PCS2 IM solution MADE IN EUROPE
SUNSY 193 A SUNSY 198 A Totale Flexibilität
Maximale Verfügbarkeit Unabhängiger Betrieb
Hohe Leistung o Kann in Mikro-Grids mit
bestehenden PV-Anlagen integriert werden. o
Erweiterbares modulares System.

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SUNSYS PCS2 IM UL Series Installation And
Operating Manual (92 pages) Power Conversion
System and Storage with Islanding Mode from 33
to 200 kVA. Brand: socomec



1075KWHH ESS



Energy Storage Systems

SUNSYS HES L IEC. Scalable outdoor Energy
Storage System - from 100 kVA / 189 kWh to 600
kVA / 1827 kWh. Thanks to joint-design between
CATL and Socomec, you can be assured of
compatibility between products, and that the
complete system has been validated and
certified. The C-Cab (power conversion cabinet)
has been designed to include

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[SUNSYS PCS² Datasheet](#)

o SUNSYS PCS² maximizes the PV energy self-consumption at building or community level. Any energy surplus is stored in the SUNSYS PCS² battery system. This stored energy is used later to supply the load. o When the electricity retail cost is low, SUNSYS PCS2 stores the energy to supply the loads during peak demand when prices are high.

SUNSYS HES L

sunsys_334_a_en.ai sunsys_333_a_en.ai
sunsy_391_front.eps sunsys_332_a_en.ai
sunsys_335_a_en.ai sunsys_331_a_en.ai e y n d
sunsy_385_front.eps + Bidirectional power
converter 50 to 300 kVA / cabinet Automation
functions AC/DC distribution and protection
Battery management system IoT Ready Lithium
ion battery LFP technology 186 kWh / rack



socomec SUNSYS PCS2 Manuel D'utilisation page 35

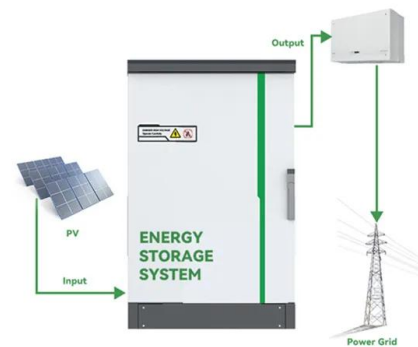
Voir et télécharger socomec SUNSYS PCS2 manuel d'utilisation en ligne. SUNSYS PCS2 alimentations électriques téléchargement de manuel pdf 11. CARACTÉRISTIQUES STANDARD



ET OPTIONS INTERFACE MODBUS TCP II est possible de gérer l'unité PCS 2 depuis des postes distants à l'aide du

socomec SUNSYS PCS2 Series Installation And Operating Manual

SUNSYS PCS2 Power Conversion System and Storage from 33 to 200 kVA - Ref.: IOMSUNPCXX04-EN 01 Page 23 o Insertion of the lower three modules. Place the module on the guides and insert it up to the limit starting by the lower one. SUNSYS PCS2 Power Conversion System and Storage from 33 to 200 kVA - Ref.: IOMSUNPCXX04-EN 01



socomec SUNSYS PCS2 IM UL Series Installation And ...

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SOCOMECA USA , Power control and safety, energy efficiency,

...

Extended warranty SUNSYS HES Services. Value-added services Experts at your service Socomec Invests \$5 Million in its North American Energy

Storage Operations Read more. Feb. 11 o Feb. 13
2025 Image. Exhibition. PowerGen Kay Bailey
Hutchison Convention Center Dallas, TX



MANUAL with Islanding Mode from 33 to 200 kVA

SUNSYS PCS2 IM UL Power Conversion System
and Storage with Islanding Mode from 33 to 200
kVA EN MANUAL SUNSYS PCS2 IM UL Power
Conversion System and Storage with Islanding
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IOMSUNPCXX07-EN 04 EN 3 CONTENTS 1.
SAFETY STANDARDS 6

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