



SOMATOM

Operator Manual - UPS

Version 2

www.siemens.com/healthcare

SIEMENS



Manufacturer's note :

This product bears a CE marking in accordance with the provisions of the Council Directive 93/42/EEC of June 14th, 1993 concerning medical devices.

The CE marking applies only to medico-technical products/ medical products introduced in connection with the above-mentioned comprehensive EC directives.

The original language of this document is English.



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Introduction

General information

Compatible systems

This manual applies to the following devices:

- ❑ SOMATOM Emotion 6-slice configuration
- ❑ SOMATOM Emotion 16-slice configuration

Applicability

This manual must only be used in combination with the SOMATOM operator manual.

The system is delivered with a new model of UPS described in this brochure. Information about UPS in SOMATOM Emotion Operator Manual and *syngo* CT Workplace Operator Manual is obsolete.

Introduction



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Important safety information

The basis for ensuring the safety of people and equipment are the statutory stipulations and guidelines as well as the information given in the manual.

- ◇ Read the manual carefully and observe the instructions.
- ◇ Please read the safety instructions of the CT system documentation in addition to the following safety information.
(→ SOMATOM Operator Manual)



Purpose of the equipment

The uninterruptible power supply (UPS) compensates for voltage fluctuations and provides backup power during power failures for a short time for the computer.



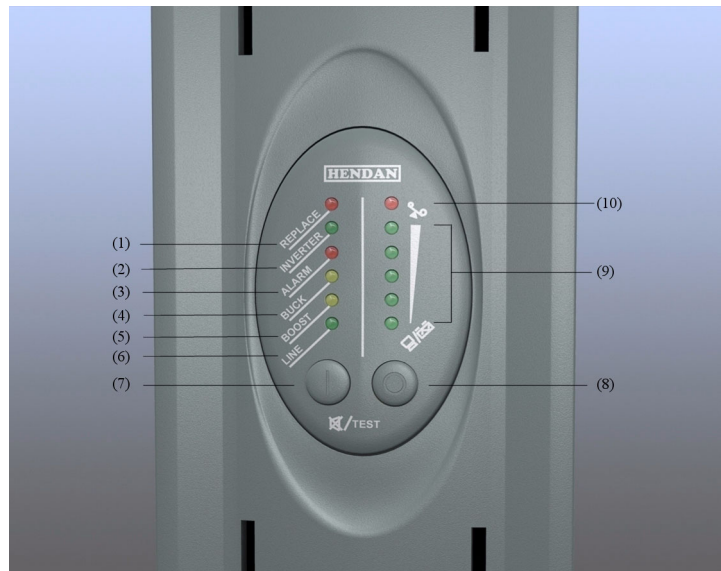
Here you switch the computers on and off.



This UPS is not able to power the acquisition system during power failure. A running measurement is stopped.

On/off switch and displays

UPS front panel



- (1) Battery Replace Indicator
- (2) Backup Mode Indicator
- (3) UPS Warning / Fault Indicator
- (4) AC Buck Mode Indicator
- (5) AC Boost Mode Indicator
- (6) AC Normal Indicator
- (7) On button
- (8) Off button
- (9) Battery Capacity & Load level Indicator (L1~L5)
- (10) Over Load Indicator (L6)

UPS operating modes

The uninterruptible power supply can be operated in different modes.

Normal mode

During normal operation, the mode indicator illuminates and the load level indicators display the percentage of UPS load capacity being used by the protected equipment. The UPS monitors and charges the batteries as needed and provides power protection to your equipment.

Battery mode

When the UPS is operating during a power outage, the alarm beeps and the battery mode indicator illuminates. The protected equipment is now powered by the UPS. When power returns the UPS returns to normal operation while the battery recharges.

The length of time that the battery can provide backup power during a power failure depends on the charging level of the battery.



Dimensions and weight

UPS

Width	88 mm	$\pm 10\%$
Height	430 mm	$\pm 10\%$
Length	528 mm	$\pm 10\%$
Weight	26 kg	$\pm 10\%$



Labels

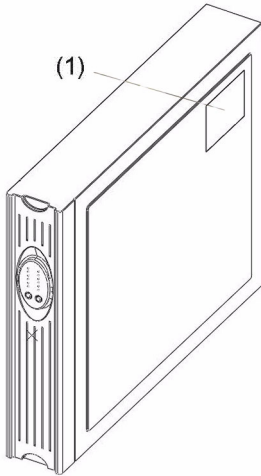
The location of labels is depicted in the schematic representation of the equipment.

The labels can be found at the positions indicated by reference lines and numbers in the corresponding figures.



The numbers and parameters on the labels are examples only, always refer to the original labels which are located on the system components.

UPS



(1)
Manufacturer's identification label

The following message is for US only

This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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