



## Philippi DISPLAY

Compatible with **aentron** Battery Systems

### PHILIPPI SYSTEM MONITOR PSM

The 3.5" colour touch screen informs you on different pages about all available data of your electrical system.

The main menu shows the menu items for which data is available from the connected devices.

#### Log

When the SD card is inserted, all data from the batteries and energy sources can be recorded and later analysed on a PC. Even when the PSM2 is in stand-by mode, the data is recorded every minute. The data in CSV format can be displayed at any time in a spreadsheet for analysis.

#### Alarm messages

Messages from empty batteries, in case of overvoltage, after an undervoltage switch-off or from full/empty tanks are listed in an alarm list. As soon as a new alarm arrives, the list is displayed again and an acoustic alarm can be activated on request.



PSM 2

Order-No.: 0 7100 2235

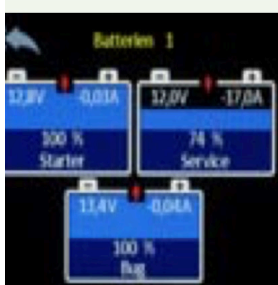
P-BUS System Monitor for displaying and operating the P-BUS. Intuitive coloured TFT touch screen graphic display, with adjustable brightness. A M12-T-cable and both P-BUS Terminator resistors are part of delivery.

Operation voltage	8-60 V
Consumption	100 mA, Stand-by: 6 mA
Dimensions	L 105 x W 105 x H 35 mm
Cut out	88 x 88 mm

# PSM MONITOR

#### BATTERY MONITOR

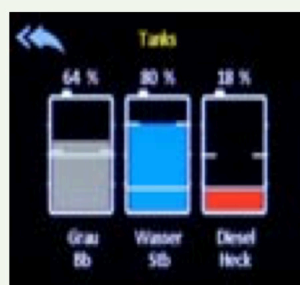
Part from the current, voltage and capacity display the battery level is shown graphically. Further information remaining time and statistics are available on command.



SHX/SHC, EM-box

#### TANK MONITOR

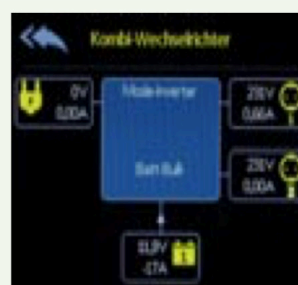
Different kind of liquids are shown in different colours independently from the tank sensor. If the tank level exceeds or falls below a given threshold the respective tank will be displayed in red.



CMT 2

#### ENERGY MONITOR AC

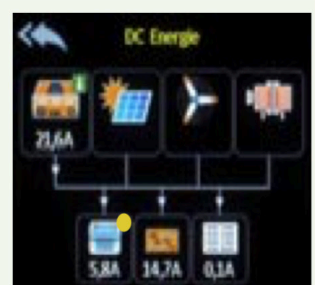
The performance data and operating states of combination inverters (Studer X-tender / Mastervolt) are clearly displayed and the most important settings can be adapted.



LAU, CAV, Studer, Mastervolt

#### ENERGY MONITOR DC

The ongoing charge or discharge currents of the sources and loads are displayed in an energy scheme. Alternatively the energy up to now charged or used can be shown (e.g. the harvest of a solar panel per season).



SHL, ACE, EM-box