



2017 PRODUCT PORTFOLIO





SIMARINE

# NEREIDE

**SMART POWER PANEL**  
with Integrated Battery and Tank Monitoring System

**THE MOST ADVANCED POWER PANEL  
ON THE MARINE MARKET.**

## FEATURES

Safety of Analog, Comfort of Digital

Scene Settings

Remote Management via iPad

Single Piece Waterproof 3D Aluminum Front

Modular and User-Replaceable Electronic Backend

AC | DC | Remote Main Switches

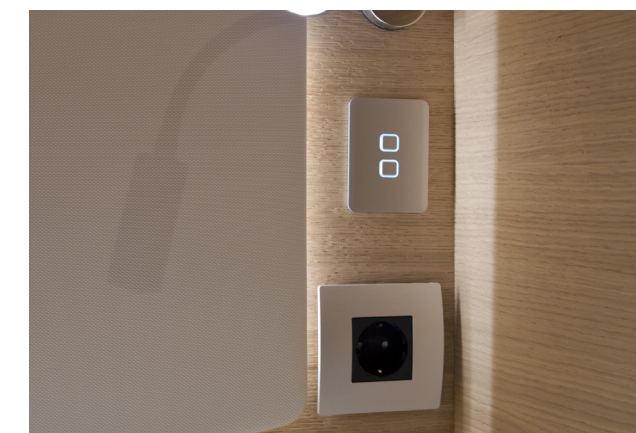
Low Power Consumption - < 200mA

**STANDARD INSTALLATION IN PREMIUM YACHT**

**elan**  
**GT5**



**NEREIDE**  
SMART LIGHT SWITCHES







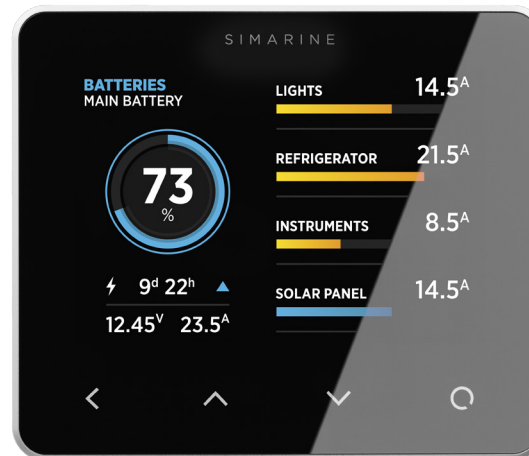
# SIMARINE PICO+

SMART BATTERY MONITORING SYSTEM  
with integrated Barometer with Barograph



# PICO

SMART BATTERY MONITORING SYSTEM



**NEW!**

# PICOone

SMART and SIMPLE BATTERY MONITOR



# BATTERY MONITOR WITH REAL-TIME BATTERY HEALTH™



## STATUS

show percentage of  
battery



## TIME

time of battery  
remaining



## OVERVIEW

real-time charging  
overview



## ALERTS

never forget when to  
charge



## HEALTH

real-time battery health  
algorithm™



## MOBILE

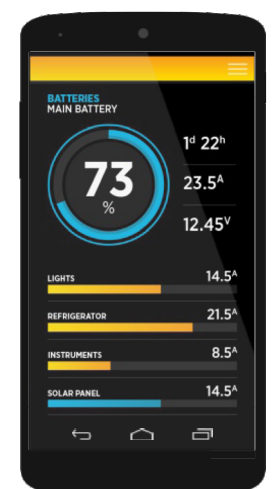
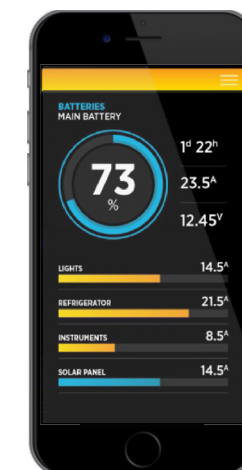
remote access  
via mobile apps

## MOBILE CONNECTIVITY



# Free

Android and iPhone/iPad Apps



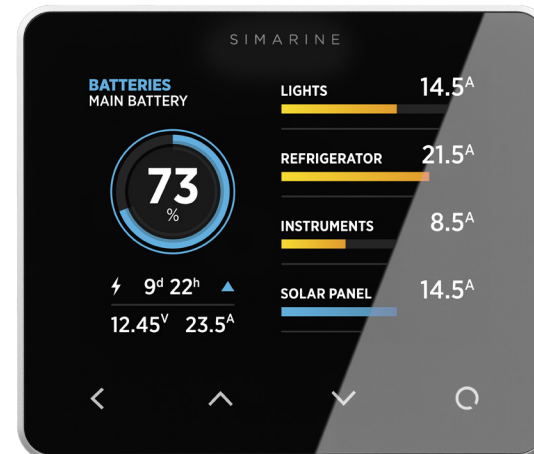
# PICO+

SMART BATTERY MONITORING SYSTEM  
with integrated Barometer with Barograph



# PICO

SMART BATTERY MONITORING SYSTEM



NEW!

# PICOone

SMART and SIMPLE BATTERY MONITOR



## TARGET MARKET SEGMENTS



## MAXIMUM CONNECTIONS

UP TO **6** BATTERY BANKS  
UP TO **6** ADDITIONAL BATTERY VOLTAGES  
UP TO **20** CONSUMERS OR GENERATORS  
UP TO **14** TANK MODULES  
UP TO **8** TEMPERATURES  
INTEGRATED **B**AROMETER WITH BAROGRAPH

UP TO **6** BATTERY BANKS  
UP TO **6** ADDITIONAL BATTERY VOLTAGES  
UP TO **20** CONSUMERS OR GENERATORS  
UP TO **14** TANK MODULES  
UP TO **8** TEMPERATURES

**1** BATTERY BANK  
**1** ADDITIONAL BATTERY VOLTAGE  
UP TO **2** TANK SENSORS  
UP TO **2** TEMPERATURES





# SIMARINE

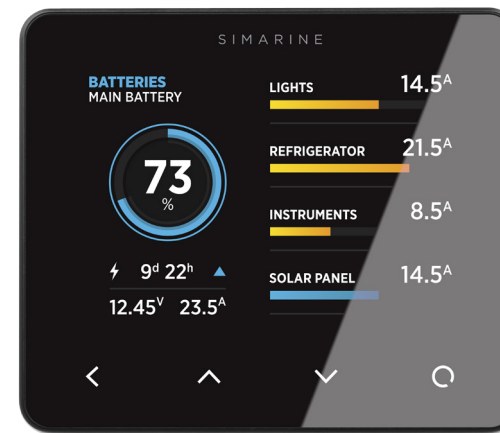
## PICO<sup>+</sup>/PICO



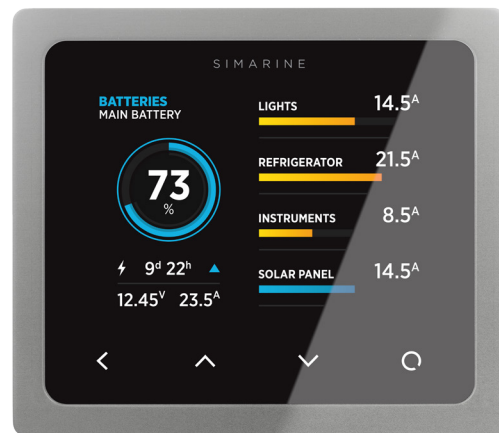
### VARIATIONS



BLACK PANEL-MOUNT



BLACK STAND-ALONE



SILVER PANEL-MOUNT



SILVER STAND-ALONE

## SIMARINE PICO<sup>+</sup>/PICO

SIMARINE PICO sets new standards for marine battery and tank monitors in fields of design, functionality, connectivity and ease of use.

The IP67 casing of the main unit is CNC-milled from a single piece of high quality 6000 series anodized aluminium (corrosion-proof). The 3.5" inch IPS LCD display is optically bonded with Anti-Reflective Gorilla Glass®.

Our unique Real Time Battery Health™ algorithm ensures very precise battery state of charge and health measurements.

### GENERAL SPECIFICATION:

#### Display

LCD TFT 3,5" High resolution IPS, Gorilla Glass, anti-reflective coating

#### Human interface

4 Touch buttons, water resistant

#### Enclosure

CNC-milled anodized aluminum, water- and dustproof

#### Dimensions

HxWxD 98 x 84 x 11 mm

### TECHNICAL SPECIFICATIONS

Operating voltage	6 - 35 V
<b>Power consumption at 12V</b>	
Operating, wifi on, 100% illumination	90 mA
Operating, wifi off, 70% illumination	35 mA
Stand by, wifi off, 0% illumination	18 mA
Power off, logger still active	5 mA



# SIMARINE

# ST107



TANK LEVEL, BATTERY VOLTAGE and TEMPERATURE MODULE

## CONNECTION POSSIBILITIES

### TANK LEVELS



FUEL



FRESH WATER



GREY WATER



BLACK WATER

### TANK LEVEL SENSORS



RESISTANCE



VOLTAGE



ULTRASONIC

### TEMPERATURE SENSORS



RESISTANCE

### BATTERY VOLTAGES



STARTER



THRUSTER

## SIMARINE ST107

Highly versatile digital module for monitoring **tank levels**, **battery voltages** and **temperatures**.

Up to three ST107 modules can be connected to a PICO system.

**3-YEAR LIMITED WARRANTY**

**MAXIMUM CONNECTIONS per one ST107**

UP TO **7** TANK LEVELS

UP TO **3** BATTERY VOLTAGES

UP TO **4** TEMPERATURES

### TECHNICAL SPECIFICATION

#### Operating

Voltage range	6 - 35 V
Temperature range	-20 - +70 °C
Power cons. at 12V	2,5 mA

#### Voltage inputs

Range	0 - 35 V
Resolution	1 mV
Accuracy	± 0,2 %
Sampling rate	100 ms

#### Resistance inputs

Range	0 ohm - 65 kohm
Accuracy	± 3,0 %

<b>Calibration points</b>	<b>12</b>
<b>SiCOM connectors</b>	<b>2</b>



# SIMARINE

# SC302T

HIGH PRECISION COMBO ACTIVE SHUNT

## CONNECTION POSSIBILITIES

### BATTERY BANKS



SERVICE



THRUSTER

### GENERATORS



SHORE POWER

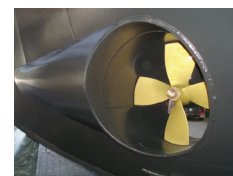


SOLAR PANELS

### CONSUMERS



INVERTER



BOW THRUSTER



STERN THRUSTER



ELECTRIC WINCH

### TANK LEVELS



FUEL



FRESH WATER



GREY WATER

### TEMPERATURE SENSORS



RESISTANCE



## SIMARINE SC300

High precision SC302T combo active shunt can monitor currents up to 300A on 12V, 24V, 48V, 60V and 72V systems.

Up to six shunts can be used to monitor up to six battery banks on a PICO system.

**3-YEAR LIMITED WARRANTY**

**MAXIMUM CONNECTIONS per one SC302T**

CURRENTS UP TO **300A**

UP TO **2** BATTERY VOLTAGES

UP TO **2** TANK LEVELS / TEMPERATURES

### TECHNICAL SPECIFICATION

#### Operation

Voltage range	6 - 35 V
Temperature range	-20 - +70 °C
Power consumption at 12V	0,8 mA
Range	0,01 - 320 A
Accuracy	± 0,6 %
Resolution	0,01 A
Sampling rate	100 ms

#### Maximal Current

Continuous	300 A
Peak current ( <1min )	400 A

#### Voltage measuring

Range	0 - 110 V
Accuracy	± 0,2 %
Resolution	1 mV

#### Temperature sensor - NTC 5K

Range	-15 - +80 °C
Accuracy	3% (-10 -+60 °C )

Connection	M 10 bolts
<b>SiCOM connectors</b>	<b>2</b>





# SIMARINE

# SC300

HIGH PRECISION DIGITAL SHUNT

## CONNECTION POSSIBILITIES

### BATTERY BANKS



SERVICE



THRUSTER

### CONSUMERS



INVERTER



BOW THRUSTER



STERN THRUSTER



ELECTRIC WINCH

### GENERATORS



SHORE POWER



SOLAR PANELS



## SIMARINE SC300

High precision SC300 active digital shunt can monitor currents up to 300A for maximal power of 3600W at 12V or 7200W at 24V.

Up to six shunts can be used to monitor up to six battery banks on a PICO system.

**3-YEAR LIMITED WARRANTY**

**MAXIMUM CONNECTIONS per one SC300**

CURRENTS UP TO **300A**

VOLTAGE MEASUREMENT

TEMPERATURE MEASUREMENT

### TECHNICAL SPECIFICATION

#### Operation

Voltage range	6 - 35 V
Temperature range	-20 - +70 °C
Power consumption at 12V	0,8 mA
Range	0,01 - 320 A
Accuracy	± 0,6 %
Resolution	0,01 A
Sampling rate	100 ms

#### Maximal Current

Continuous	300 A
Peak current ( <1min )	400 A

#### Voltage measuring

Range	0 - 35 V
Accuracy	± 0,2 %
Resolution	1 mV

#### Temperature sensor - NTC 5K

Range	-15 - +80 °C
Accuracy	3% (-10 -+60 °C )

Connection	M 10 bolts
<b>SiCOM connectors</b>	<b>2</b>





# SIMARINE

# SC500

HIGH PRECISION DIGITAL SHUNT

## CONNECTION POSSIBILITIES

### BATTERY BANKS



SERVICE



THRUSTER

### CONSUMERS



INVERTER



BOW THRUSTER



STERN THRUSTER



ELECTRIC WINCH

### GENERATORS



SHORE POWER



SOLAR PANELS



## SIMARINE SC500

High precision SC300 active digital shunt can monitor currents up to 500A for maximal power of 7200W at 12V or 14400W at 24V.

Up to six shunts can be used to monitor up to six battery banks on a PICO system.

**3-YEAR LIMITED WARRANTY**

**MAXIMUM CONNECTIONS per one SC500**

CURRENTS UP TO **500A**

VOLTAGE MEASUREMENT

TEMPERATURE MEASUREMENT

### TECHNICAL SPECIFICATION

#### Operation

Voltage range	6 - 35 V
Temperature range	-20 - +70 °C
Power consumption at 12V	0,8 mA
Range	0,02 - 600 A
Accuracy	± 0,6 %
Resolution	0,02 A
Sampling rate	100 ms

#### Maximal Current

Continuous	500 A
Peak current ( <1min )	800 A

#### Voltage measuring

Range	0 - 35 V
Accuracy	± 0,2 %
Resolution	1 mV

#### Temperature sensor - NTC 5K

Range	-15 - +80 °C
Accuracy	3% (-10 -+60 °C )

Connection	M 10 bolts
<b>SiCOM connectors</b>	<b>2</b>

SIMARINE

# SCQ25

QUADRO DIGITAL SHUNT MODULE

## CONNECTION POSSIBILITIES

### CONSUMER DEVICES



REFRIGERATOR



FREEZER



INSTRUMENTS



LIGHTS

### GENERATORS



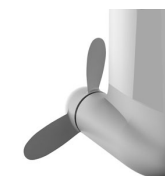
SOLAR PANELS



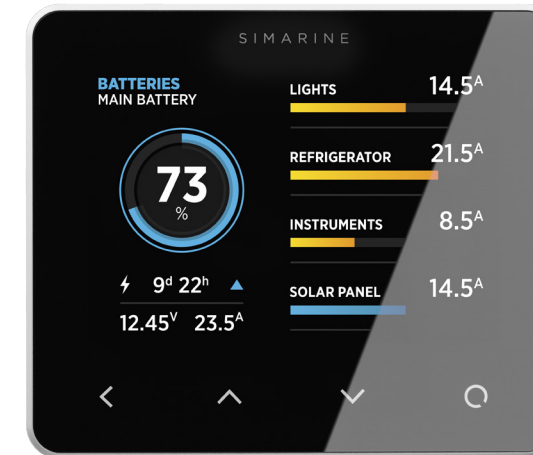
SHORE POWER



WIND GENERATOR



HYDRO GENERATOR



## SIMARINE SCQ25

Highly versatile digital shunt module for monitoring **consumer devices and/or generators** up to 25A current per channel.

The channels can be combined to reach higher amperage if neccessary.

Up to four SCQ25/SCQ25T modules can be connected to a PICO system.

**3-YEAR LIMITED WARRANTY**

**MAXIMUM CONNECTIONS per one SCQ25**

UP TO **4** CONSUMER DEVICES

UP TO **4** GENERATORS

### TECHNICAL SPECIFICATION

#### Operating

Voltage range	6 - 35 V
Temperature range	-20 - +70 °C
Power cons. at 12V	3,5 mA

#### Current monitoring channels **4**

Range	0,01 - 50 A
Accuracy	± 0,6 %
Resolution	0,01 A
Sampling rate	100 ms
Maximal continuous current	25 A
Peak current (<1 min)	35 A
Peak current (<5 sec)	50 A
Voltage drop at 25 A	35 mV
Max. voltage on connections	35 V

**SiCOM connectors** **2**

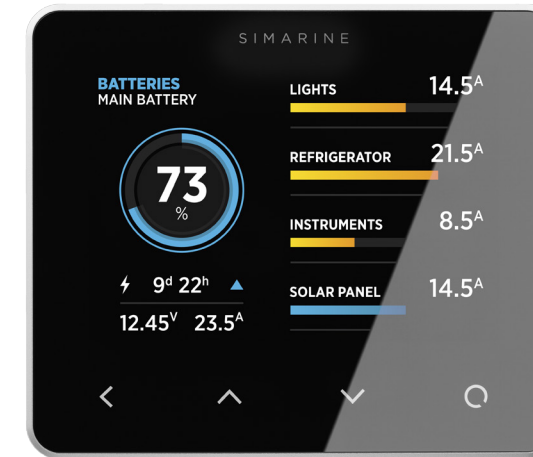


SIMARINE

# SCQ25T

QUADRO DIGITAL SHUNT, TANK LEVEL,  
BATTERY VOLTAGE and TEMPERATURE MODULE

CONNECTION POSSIBILITIES



## SIMARINE SCQ25T

Highly versatile digital shunt module for monitoring **consumer devices and/or generators** up to 25A current per channel.

The channels can be combined to reach higher amperage if neccessary.

Additionally, the SCQ25T allows monitoring **tank levels, battery voltages** and **temperatures**.

Up to four SCQ25/SCQ25T modules can be connected to a PICO system.

**3-YEAR LIMITED WARRANTY**

### CONSUMER DEVICES



REFRIGERATOR



FREEZER



INSTRUMENTS



LIGHTS

### GENERATORS



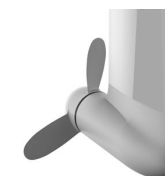
SOLAR PANELS



SHORE POWER



WIND GENERATOR



HYDRO GENERATOR

### MAXIMUM CONNECTIONS per one SCQ25T

UP TO **4** CONSUMER DEVICES

UP TO **4** GENERATORS

UP TO **7** TANK LEVELS

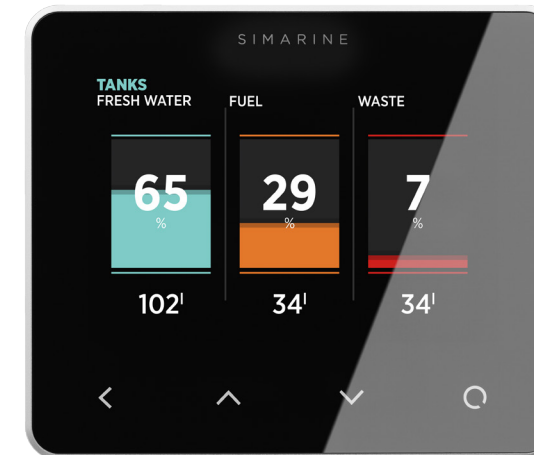
UP TO **3** BATTERY VOLTAGES

UP TO **4** TEMPERATURES

SIMARINE

# SCQ25T

QUADRO DIGITAL SHUNT, TANK LEVEL,  
BATTERY VOLTAGE and TEMPERATURE MODULE  
CONNECTION POSSIBILITIES



## TANK LEVELS



FUEL



FRESH WATER



GREY WATER



BLACK WATER

## TANK LEVEL SENSORS



RESISTANCE



VOLTAGE



ULTRASONIC

## TEMPERATURE SENSORS



RESISTANCE

## BATTERY VOLTAGES



STARTER



THRUSTER

# SIMARINE SCQ25T

## TECHNICAL SPECIFICATION

### Operating

Voltage range	6 - 35 V
Temperature range	-20 - +70 °C
Power cons. at 12V	3,5 mA

### Current monitoring channels 4

Range	0,01 - 50 A
Accuracy	± 0,6 %
Resolution	0,01 A
Sampling rate	100 ms
Maximal continuous current	25 A
Peak current (<1 min)	35 A
Peak current (<5 sec)	50 A
Voltage drop at 25 A	35 mV
Max. voltage on connections	35 V

### Operating

Voltage range	6 - 35 V
Temperature range	-20 - +70 °C
Power cons. at 12V	2,5 mA

### Voltage inputs 4

Range	0 - 35 V
Resolution	1 mV
Accuracy	± 0,2 %
Sampling rate	100 ms

### Resistance inputs 4

Range	0 ohm - 65 kohm
Accuracy	± 3,0 %

### Calibration points 12



IN DEVELOPMENT

## MARINE

### 3G/4G MODULE

REMOTE MANAGEMENT with CLOUD INTEGRATION

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Q3

### HIGH-V SHUNT

FOR LOW AND HIGH VOLTAGE SYSTEMS

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Q3

### NMEA2000 MODULE

COMMUNICATION MODULE FOR  
NMEA200 STANDARD

Q3

## CARAVAN | RV

### CONTROL PANEL

REVOLUTIONARY ALL-IN-ONE CONTROL PANEL FOR CAMPER/RV MARKET  
PRICE - PERFORMANCE - FUNCTIONALITY - DESIGN

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Q4 2017