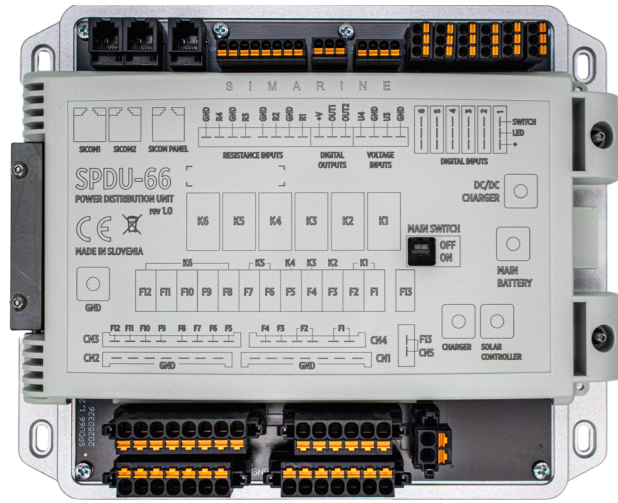


PICO + SWITCHING
Switch smart.
Monitor smarter.
 An iconic monitoring system,
 now with control.



SPDU-66 DC distribution unit Compact Smart Power Distribution

The Simarine SPDU-66 is a compact and intelligent 12V DC distribution unit, built to empower modern marine and RV systems. Designed to integrate seamlessly with Simarine's VIA or PICO panels, it offers unmatched flexibility, robust performance, and intuitive digital switching – all in a single, scalable module.

Key Features

- 6 switchable fused relays + 1 fixed fused output
- 4 high-current shunts (30–50A) for monitoring batteries, chargers, and solar
- 6 digital inputs for traditional switch integration (with feedback)
- 4 resistance + 4 voltage sensor inputs (tank/temp monitoring)
- Built-in digital output for thermostat control – manage up to 4 zones
- Manual override switches on each relay for failsafe operation
- Diagnostic LEDs indicate fuse failure or output status

Seamless System Integration

Connects via SiCOM to other Simarine modules including SK8 keypads and PICO/VIA panels. Remote monitoring and firmware upgrade via Simarine mobile app.

Ideal For

Mid-size RVs, mid-sized yachts, sailboats, expedition vehicles, or any 12V DC system with lithium or lead-acid batteries and solar charging, where smart monitoring is essential.

Why SPDU66?

SPDU66 is a compact, all-in-one solution for 12V DC power distribution—combining smart switching and monitoring and thermostat control. With 6 fused relays, feedback-capable inputs, and manual override, it ensures safety and control even in critical moments. Fully compatible with Simarine displays and keypads, it's easy to configure, scalable, and built for reliable performance on land or at sea.



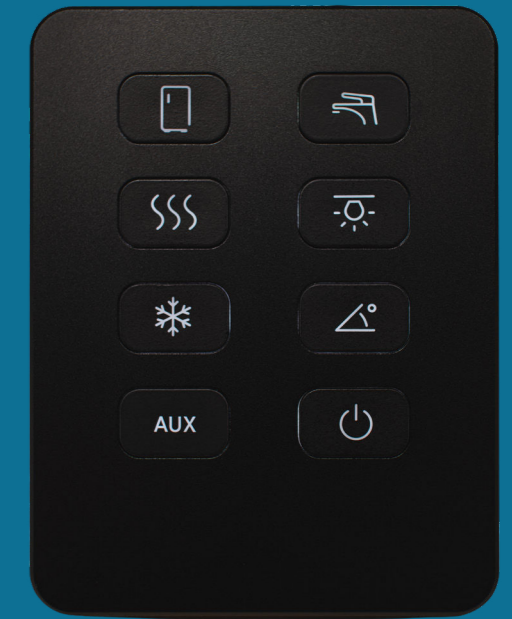
SPDU-66

OPERATING	
Voltage range	8-22 VDC
Main battery	8-22 VDC
Starter battery	8-22 VDC
Temperature range	From -20 up to 70 °C
POWER CONSUMPTION AT 12 V	
Operating	15 mA
Power off	0,25 mA
CURRENT MEASURING	
Channel 1 (solar)	0 - 50 A
Channel 2 (charger)	0 - 50 A
Channel 3 (main battery)	0 - 50 A
Channel 4 (starter battery)	0 - 50 A
Accuracy	±1% A
Sample rate	100 ms
Resolution	0,01 A
VOLTAGE MEASURING	
Channel 1 (starter battery bank)	0 - 22 VDC
Channel 2 (main battery bank)	0 - 22 VDC
Channel 3 (U3)	0 - 75 VDC
Channel 4 (U4)	0 - 75 VDC
VOLTAGE MEASURING (U1, U2, U3, U4)	
Accuracy	±0,3 %
Resolution	1 mVDC
Sampling rate	100 ms
RESISTANCE INPUTS (R1, R2, R3, R4)	
Range	0 - 65 kohm
Accuracy	±3 %
TEMPERATURE SENSOR - NTC 10K	
Range	From -13 up to 80 °C
Accuracy	±3 %
MAX. CONTINUOUS CURRENT FOR OUTPUT CHANNELS	
K1	20 A
K2	20 A
K3	15 A
K4	15 A
K5	10 A
All channels combined (max. cont. limit)	50 A
INPUT CHANNELS	
Digital input 1-6	Toggle / Momentary
INSTALLATION AND DIMENSION	
Dimensions (length x width x depth)	200 x 160 x 42 mm
CONNECTIVITY	
	SiCOM

SK8 KEYPAD Control digital switching

Designed to seamlessly integrate into Simarine's modular marine systems, the SK8 Keypad is a compact and intuitive expansion module used for controlling digital switching across SPDU-66 and SPDU-52 units.

With 8 fully programmable, backlit buttons, the keypad provides tactile and reliable control for onboard systems like lighting, pumps, fans, and other 12V DC appliances. Intended for interior/cabin installation, it connects via the SiCOM bus to PICO, SPDU66 or SPDU52 units.



Multiple keypads can be installed across the vehicle, enabling centralized or distributed control with feedback from the SPDU relays.

Each button can be assigned to control single or multiple outputs, with configuration handled through the PICO interface.

Whether used for lights in multiple cabins or system-wide automation, the SK8 Keypad enables streamlined operation, aesthetic integration, and scalable expansion for modern marine electronics.