

SmartStart

Automatic Remote Diesel Generator Switching Device

Description

The SmartStart can automatically and remotely start and stop diesel generators for hybrid solar pumping. It has a secondary auxiliary output for switching other devices (only usable with PSk2). It connects to PSk2 or PSk3 Controllers and to the remote switch input of the diesel generator.

Features

- Automatically switches on/off diesel engines equipped with remote start input (NO or NC)
- SmartStart provides power to PSk2 / PSk3 systems for night time logic operation such as early morning pump starting
- Battery charging from PSk2 / PSk3 Controller
- Auxiliary output for switching other devices (only usable with PSk2)

Technical Data

- Max. switching capability: 250 V AC / 30 V DC, 2 A
- Enclosure class: IP54
- Nominal cross section for remote start cable 1.5 mm²
- Further information is available in the PSk2 and PSk3 manual on partnerNET

Product Content

The SmartStart comes with two cables, one cable to be used with the PSk2 product line and one cable to be used with the PSk3 product line. Each cable is ready to use and has a length of 2 m. The required battery must be ordered separately. The battery must meet the requirements on the right.

Battery Requirements

- NP7-12 or a similar sealed 12 V lead-acid battery
- Recommended minimum capacity: 7 Ah
- Max. dimensions without connector: 151 x 70 x 95 mm (5.94 x 2.56 x 3.74 in)
- Max height with connector: 100 mm (3.94 in)
- Connector: 4.8 mm (0.189 in) faston tabs



photo may differ from actual product



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Mounting options

- Wall or panel mount using 4 mounting holes, hole diameter 6 mm
- You must allow a space above and below the SmartStart of 250 mm

Order information

| Item number | Description |
|-------------|-------------|
| 19-004285 | SmartStart |

Dimensions and weight

- Packaging dimensions: L x W x H 245 x 285 x 305 mm (9.6 x 11.2 x 12 in)
- Packed weight (without battery): 2.4 kg (5.2 lbs)