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PRODUCT
NOTE

applied Solar and Wind Energy™

is.kontroll™ 4.12 - XUNZEL

Nano Solar Charge Controller



NANO SOLAR CHARGE CONTROLLER

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Nano Solar Charge Controller

Product Overview

The charge controller **is.kontroll™ 4.12** has been specially designed to be used in small solar installations.

Its charging system provides the best battery performance with a very low cost. The electronic circuit is equipped with a microprocessor that ensures high efficient charge.

The proper operation of the battery is clearly displayed using a green LED (charging status indicator). If there is a reverse polarity connection on the panel, the battery or both of them, the green LED is off.

In addition, it has a two-stage charging method (Bulk and Floating) to ensure the best charging for your batteries AGM or GEL.

Available Models

SOLAR CHARGE CONTROLLER is.kontroll 4.12 - XUNZEL 12V - 4A

is.kontroll™ 4.12 - XUNZEL

Features and Benefits

- Charging status indicator green LED
- Terminals up to 10mm²
- Two-stage charging system (Bulk and Floating)

MODEL	is.kontroll 4.12
INPUT	
Max. PV Array Open Circuit Voltage	25V
Max. PV Array Power	48W
Max. Current	4A
OUTPUT	
Nominal Battery Voltage	12V
Connected Battery Type	Sealed lead acid (AGM and GEL)
Max. Charging Current	4A
Standby Power Consumption	0W
Charging Method	Two Stages: Bulk (14.2V) / Floating (13.2V and 13.7V)
PHYSICAL	
Dimensions (mm)	275 x 38 x 63
Weight (g)	51
ENVIROMENT	
Humidity	0-100% RH (non-condensing)
Operating Temperature	-20°C to 55°C
Storage Temperature	-40°C to 75°C



SOLAR PANEL

SOLAR CHARGE CONTROLLER

SOLAR BATTERY

L-II06214-MA



Industry Leading Technology for Off-Grid, Off-Shore and Backup Power Applications



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