

Dingo (20 A)

Solar Charge Controller



- Symmetrical charging and load current of 20 A each
- Four-stage charging method (industry standard)
- 12/24/32/36/48-V selectable battery voltage
- Exceptionally thermally robust: full charging current and load current without interruption in operation, even at 50 °C
- Single-button operation and easy-to-understand menu structure

The Dingo has a negative ground and can therefore easily be used in vehicles. Its communication interface makes use of the MODBUS protocol, which has been tried and tested in harsh environments. Its large memory allows data to be stored such as charging Ah, load Ah, battery voltage range

and the daily state of charge for 512 days. The data of the past 99 days can be accessed using the LC display with LED backlighting. Zero-potential contacts, which are required in many generator starting systems, are now included in the basic model of the charge controller.

Type	Dingo
Nominal voltage	12/24/32/36/48 V
Max. solar panel current	20 A
Max. load current	20 A
Regulation set points	4 preset programs or user adjust
Weight	455 g
Ambient temperature range	-20 to +55 °C
Grounding	negative grounding possible
Max. wire size	16 mm ² (6 AWG)
Mounting hole spacing	116 mm
Mounting hole size	5 mm
Dimensions (W x H x D)	137 x 121 x 45 mm
Self consumption	9 mA@12 V, max. 26 mA@60 V
Case	polycarbonate
Heatsink	anodised aluminium

Datasheet_Dingo_1/1_e_2010-04-01_Subject to change without notice