CXNup 2B (20 A)
Dual Battery Solar Charge Controller with LCD

- **Charge two individual batteries**
- **User friendly LCD shows extensive system information**
- **Four-stage PWM charging algorithm with integrated temperature compensation**
- **Full electronic protection**
- **Data logger information that can also be exported via MXI interface**
- **Touch keys ensure long lasting operation**

The dual battery charger CXNup 2B offers outstanding features in its class. In addition to sophisticated PWM charge regulation with integrated temperature compensation, the CXNup 2B controller provides a user friendly LCD indication, programmable parameters, and various safety functions.

Furthermore, battery state of charge (SOC), energy flow to the batteries can be clearly visualized. When built in a caravan the CXNup 2B keeps the starter battery full and provides a flexible priority setting for the batteries. An acoustic alarm is also built-in.

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Dual Battery Solar Charge Controller with LCD

Type	CXNup 2B 20
System voltage	12/24 V auto recognition
Max. charge current	20 A
Float charge (lead acid battery)	13.8/27.6 V (25 °C)
Main charge (lead acid battery)	14.4/28.8 V (25 °C), 30 min. (daily)
Boost charge (lead acid battery)	14.4/28.8 V (25 °C), 2 h
	Activation: battery voltage < 12.3/24.6 V
Equalization charge (lead acid battery)	14.8/29.6 V (25 °C), 2 h
	Activation: battery voltage < 12.1/24.2 V
Charge voltage for LiFePO4 battery	14.0/28.0 V (temperature limit: -20 to +60 °C)
Max. panel voltage	30 V in 12 V system
(Surge protection by varistor)	50 V in 24 V system
Temperature compensation	−25 mV/K at 12 V
(Charge voltage)	−50 mV/K at 24 V
Idle self-consumption	< 4 mA
Grounding	Negative pole grounded
Ambient temperature	−30 to +50 °C
Max. altitude	4,000 m above sea level
Battery type	Lead acid (GEL, AGM, flooded), LiFePO4
Main / auxiliary battery charging	Adjustable
Data logger	2 years
External temperature sensor	Yes
Wire cross section	Up to 16 mm^2
Dimensions (W x H x D)	101 x 103 x 32 mm
Weight	168 g
Type of protection	IP20