

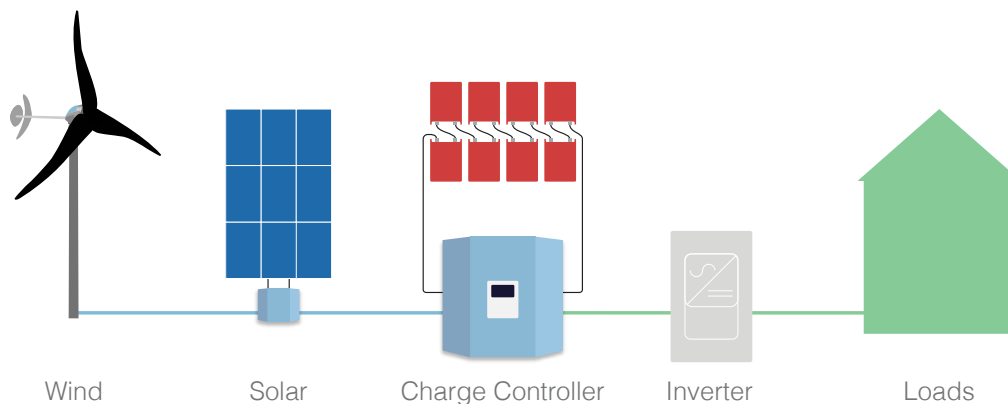
Pika Battery Charge Controller™ / B801

Hybrid bi-directional charging solution for 24/48V batteries



Efficient, flexible charging

The Pika B801 charge controller connects REbus™ wind and solar systems to any 24-48V energy storage system. Add up to 4 kW of quiet, reliable wind and solar power to balance year-round production and ride through extended periods of stormy weather. Pika's REbus Nanogrid cuts line loss and wiring costs. One controller manages battery storage for both wind and PV.



The Pika Battery Charge Controller is a hybrid, bi-directional charger for conventional 24V/48V batteries, including lead acid, absorbed glass mat and aqueous hybrid ion. Add up to 4kW of solar and wind power to off-grid or grid-tied battery backup systems. The 380VDC REbus nanogrid reduces line loss and wiring costs for efficient, affordable battery charging.



Advantages:

- Build an off-grid wind + solar system
- Hybrid inputs for solar/wind setups
- Compatible with all REbus-enabled devices

Features:

- Highly configurable charge setpoints
- Temperature slope compensation
- Power line carrier communication
- WiFi for remote monitoring on REview™ dashboard
- Auto-generator start
- 5-year manufacturer's warranty

B801 Specification

Battery Voltage	24-48V
Battery Current (max)	+/-80A
Charging Parameters	Three stage, adjustable
REbus Power (min/max)	-4000W/4000W
REbus Current (min/max)	-10A/+10A
REbus Input Voltage	+/-190VDC
Efficiency (max)	95%
Standby Power Consumption	7W
Sleep Power Consumption	3W
Temp. Range (min/max)	-20° to 50° C
Protection Features	Over/under voltage, overtemp, over-current, battery temp, auto generator start
Max operating temp	60° C
Local User Interface	LCD touchpad
Weight	11.7kg (26 lb)
Dimensions	15" x 15" x 6"
Remote monitoring	Via REview™ Internet Dashboard
Limited warranty	5 years