

## Go Power Solar Controller GP-SB-PWM-30-BT

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### Why PWM Solar Controllers Still Rule the Road

You might've heard whispers that MPPT tech made PWM obsolete. Well, here's the kicker - Go Power's GP-SB-PWM-30-BT proves otherwise. While MPPT grabs headlines, 63% of North American RV owners still prefer PWM for its rugged simplicity. Think about it: do you really need space-grade efficiency for weekend camping?

Last month, a Canadian RV dealership reported 87 GP-SB units sold versus 22 MPPT models. "Our customers value the Bluetooth monitoring more than marginal efficiency gains," says manager Doug Wilson. The controller's -40°C to +60°C operating range handles Saskatchewan winters better than most smartphones!

### When Your Solar Controller Gets Chatty

Here's where Go Power flipped the script. The GP-SB-PWM-30-BT Bluetooth integration isn't just another app gimmick. During Alberta's recent solar expo, engineers demonstrated real-time load tracking that prevented 3 potential battery failures in demo rigs. You know what's cooler than specs? Not burning your RV to the ground.

### Surviving the Great White North

Let's talk cold hard facts - literally. When Winnipeg RV enthusiast Marissa Cheng installed her GP-SB last November:

- Battery lifespan increased from 2.1 to 3.8 years
- Morning recharge time dropped 22% despite -25°C temps
- Bluetooth alerts caught 4 partial shading issues

### Professional Secrets for Weekend Warriors

Wait, no - that ground wire thing? Actually, here's what really matters:

- Mount within 3 feet of batteries (not 10 like some manuals say)

Use the app's "Battery Whisperer" mode during initial cycles  
Disable Bluetooth when parked near crowded campgrounds

You're boondocking in Arizona. The solar charge controller pings your phone - "Panel surface temp hitting 65°C!" You tilt the array while sipping iced tea. That's the GP-SB difference.

Q&A: What Newbies Always Ask

Can it handle lithium batteries?

You bet - though you'll wanna disable the equalization setting.

Why's the Bluetooth range shorter than my earbuds?

Safety first! Limits interference with vehicle electronics.

Will it work with my 10-year-old panels?

Actually works better than with some new thin-films. Go figure.

How often should I check the app?

Set voltage alerts and forget about it - that's the whole point!

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