



Powermate Solar Case

IS-PMATE-V3

The Powermate is a portable, rugged, solar compatible power system that supplies a 12V power source to a remote monitoring station. The sturdy plastic case has a convenient carrying handle and is built to withstand all weather elements. The system includes mounts for an Instantel Micromate, Sierra Wireless RV modem, and batteries. All power and communication connectors and components are included to ensure users get up and running quickly.



FEATURES

- > High capacity/quality charge controller
- > Easy to use, weatherproof connections
- > Rugged plastic enclosure
- > AC and DC charging
- > Built-in digital multi-meter
- > Built-in modem warmup relay
- > Built-in automatic pressure equalization valves
- > 2 x sturdy latches
- > Padlockable holes

BENEFITS

- > 24VDC compatibility ensures max efficiency
- > Quick setup time
- > Modular design gives added flexibility
- > Compatible with most data acquisition systems
- > Ideal for long-term, outdoor monitoring projects
- > Bluetooth app allows for detailed system monitoring of charge controller

TECHNICAL SPECIFICATIONS

Size:	20" x 16" x 7"	Power Input:	17 - 40VDC, up to 100W Solar
Case Material:	Polyolefin	Power consumption (w/ modem and Micromate):	< 6W
Case Weight:	12lbs (without batteries)	Battery Capacity: Battery	24 Ah (12 Ah per battery)
DC Input Cable (Solar):	1SAE (case), MC4 Connector (solar panel)	Weight:	7 lbs (3.5lbs per battery)
AC Input Cable:	NEMA 5-15 Receptacle		
Ingress Protection:	IP66		