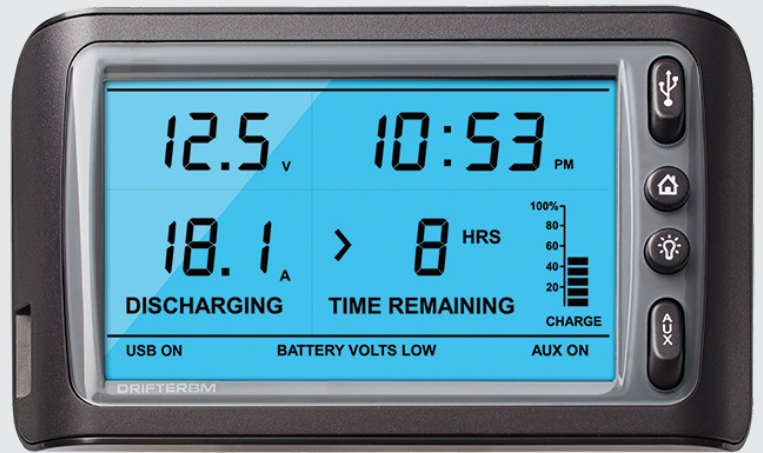


# BM PRO DRIFTER BM

POWERING YOUR ADVENTURES

The DrifterBM is a revolutionary device that continuously monitors 12 Volt lead acid batteries. This unit is vital to making an accurate estimate of remaining battery charge and allows the user to determine when a battery should be recharged. It is compatible with any deep cycle 12 Volt Lead-Acid battery including Valve-Regulated Lead-Acid (VRLA), Absorbed Glass Mat (AGM) and Gel batteries, as well as traditional non-sealed batteries.



**Safety standards**  
IEC 60950-1  
IEC 61010-1

**EMS standards**  
ISO 7637-2  
IEC 61000-4-2








**EMC standards**  
CISPR 11



## SPECIFICATIONS

Voltage Measurement Range	8 V to 15 V
Shunt Resistance & Current Range	1 mΩ ± 1% ± 100 A
Monitored Battery Capacity	7 Ah to 999 Ah
Visual Warning	10.5 V to 12.5 V (Low Battery Volt)
USB Charger Output	5.0 V ± 5% 0.9 A max, 1.2 A peak
Clock	12 h (AM/PM)
Back light	Yes
Input Voltage	8 V to 15 V
Input Current	0.7 A max
Quiescent Current Drain	< 3 mA
Fault Protection	Reversed Battery Protection
Operating Temp	0 °C to 50 °C
Humidity	Operating: ≤ 85% RH non-condensing Non-operating: ≤ 95% RH non-condensing
Altitude	Operating: 2000 m   Non-operating: 15000 m
MTBF	50,000 hours at 40 °C
Dimensions	149 x 85 x 22 mm
Weight	210 g
Installation	Wall mounted

## KEY FEATURES

-  Displays remaining time left in battery
-  Acts as a fuel gauge by monitoring and displaying information such as
  - battery volts and amps,
  - charge/discharge status and
  - remaining battery capacity
-  Large LCD screen for day/night viewing
-  Low voltage warning
-  Clock
-  2 Accessory switches
-  USB Charging port