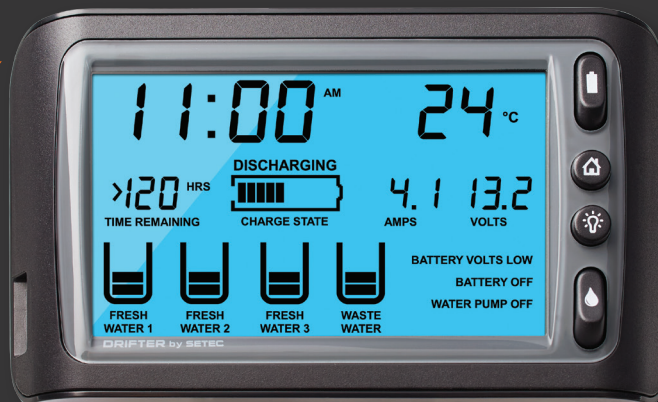


THE DRIFTER



The Drifter is a high quality Australian made display unit that monitors a 12 Volt battery together with water tank levels. 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.

This device is permanently wired into your 12 Volt electrical system and continuously monitors battery voltage and charge/discharge current. It uses this information, together with several parameters that are set by the user, to model battery behaviour and to estimate actual charge in the battery. The current drain of the unit is only 3 mA, which is much less than the normal self-discharge of a battery.

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 capacity
- › Water tank monitoring and pump on/off switch
- › Large LCD screen for day and night viewing
- › Low voltage warning
- › Clock and temperature gauge
- › Battery isolator
- › USB charging port



Safety standards

- › IEC 60950-1
- › IEC 61010-1

EMC standards

- › CISPR 11

EMS standards

- › ISO 7637-2
- › IEC 61000-4-2

SPECIFICATION	
Voltage Measurement Range	8V to 15V
Shunt Resistance and Current Range	1 mΩ ± 1% ± 100 A
Monitored Battery Capacity	7 Ah to 999 Ah
Visual Warning	11.0 V (Low Battery Voltage)
USB Charger Output	5.0 V ± 5% 0.9 A max, 1.2 A peak
Water Tank Level Measurement	25 % increments
Clock	12 h (AM and PM indicator)
Ambient Temperature Measurement	Yes
Temperature Display	°C or °F
Back light	Yes
GENERAL SPECIFICATION	
Input Voltage	8 V to 15 V
Input Current	0.7 A max
Quiescent Current Drain	< 3 mA
Fault Protection	Reversed Battery Protection (Installation)
Operating Temperature	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	50000 hours at 40 °C
Dimensions	149 mm x 85 mm x 22 mm (LxHxW)
Weight	0.208 kg (unit only) Approx. 1 kg boxed with accessories
Installation	Wall mounted
Accessories	Mounting Bracket, Current Shunt, 2 x water tank bungs sets, Cables



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SWITCH OFF. POWER UP

All data is subject to change without notice V1BC-200114