



PM4SWLED

INSTRUCTION MANUAL



IMPORTANT SAFETY INFORMATION

Please read this manual thoroughly before use and store in a safe place for future reference.

WARNINGS

- Explosive gases. Prevent flames and sparks. Provide adequate ventilation during charging
- Before charging, read the instructions
- For indoor use **ONLY**. **Do not** expose to rain
- For charging lead acid and LiFePO4 batteries **ONLY** (of the size & voltage specified in the specifications table)
- Always charge the battery on the correct voltage setting. Never set the charger to a higher voltage than the battery specifications state
- Disconnect the 240V mains supply before making or breaking the connections to the battery
- The battery charger must be plugged into an earthed socket outlet
- Connection to supply mains is to be in accordance with national wiring rules
- Do not attempt to charge non-rechargeable batteries
- Never charge a frozen battery
- If AC cord is damaged, do not attempt to use. It must be replaced or repaired by a qualified technician
- Corrosive substances may escape from the battery during charging and damage delicate surfaces. Store and charge in a suitable area
- Where possible, ensure all vehicle accessories including lights, heaters, appliances etc. are turned off prior to charging
- This charger is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety
- Children being supervised not to play with the appliance
- If the recreational vehicle is to be put into storage without power, please turn off the BATTERY MASTER SWITCH. If the recreational vehicle is to be put into long term storage without power, disconnect ALL cabling from the battery

CONTENTS

1 Product Instructions	4
1.1 Overview	4
1.2 Features	4
2 Display.....	5
3 Structure and Installation	6
4 Specification	7

1 Product Instructions

1.1 Overview

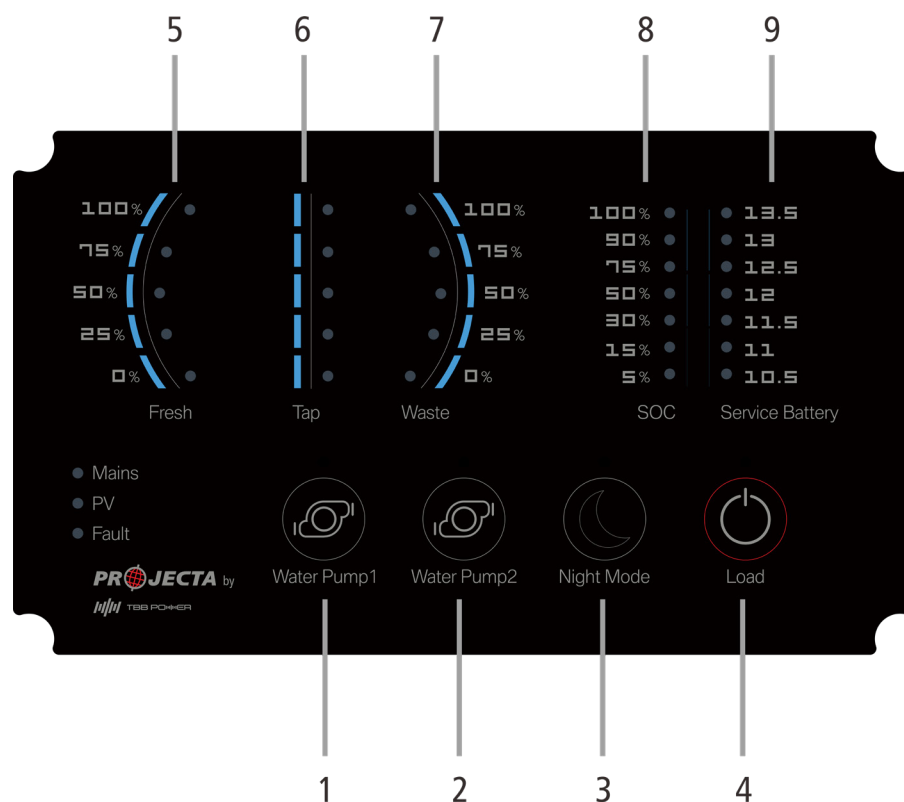
The PM4SWLED monitor is a versatile and user-friendly device designed to work seamlessly with Projecta's range of power management systems. It features an intuitive LED display that provides real-time information about the system's status, allowing users to monitor the water tank levels and battery status at a glance. It also allows the user to control up to two pumps and the system's power supply with the push of a button.

1.2 Features

- L.E.D lights for showing system states.
- Push button switches for controlling pumps, night mode and load.



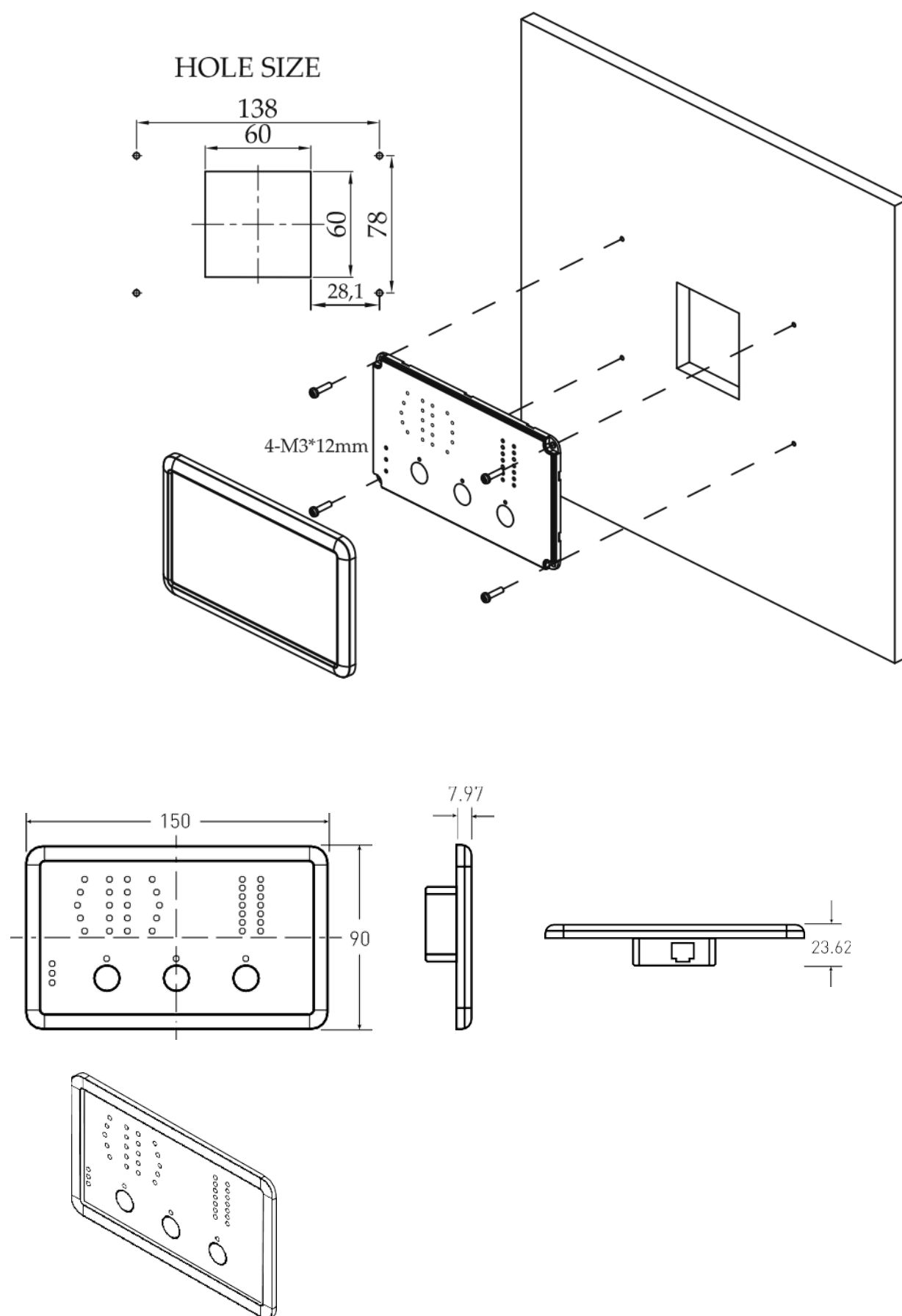
2 Display



No.	Name	Type	Description
1	Water Pump1	DC Load Control	Load control, ON/OFF control
2	Water Pump2	DC Load Control	Load control, ON/OFF control
3	Night Mode	Scene Mode	Charger fan will be turned off or decreased in speed
4	Load	DC Load Control	Load control, ON/OFF control
5	Fresh Water Tank	Sensor	Detect the level of fresh water tank
6	Tap Water Tank	Sensor	Detect the level of tap water tank
7	Waste Water Tank	Sensor	Detect the level of waste water tank
8	SOC	SOC	Detect the state of charge of the service battery
9	Service Battery	Voltage	Detect the voltage of the service battery

LED	COLOUR	STATUS	DESCRIPTION
Mains	GREEN	ON	AC input OK
		OFF	AC disconnected
		Quick flashing	AC input abnormal
PV	GREEN	ON	Starter charging the battery
		Slow flashing (once every second)	The input of the Aux is normal but battery is charged by AC Mains
		Quick flashing (twice every second)	Solar input abnormal
		OFF	Solar disconnected
FAULT	RED	ON	Short circuit
		1 flash	Service battery undervoltage
		2 flash	Service battery overvoltage
		3 flash	Over temperature (heat sink)
		4 flash	Bulk charge time-out
		5 flash	VSR abnormal
		8 flash	Over temperature (Unit)
		9 flash	Over temperature (PCB or Load circuit)

3 Structure and Installation



4 Specification

Model	PM4SWLED
Input	12Vd.c
PHYSICAL SPECIFICATION	
Dimension	150mm*90mm*24mm
Weight	200g
Protection Category	IP20
Approvals	
EMC	CISPR14

WARRANTY STATEMENT

Applicable only to product sold in Australia

Brown & Watson International Pty Ltd of 1500 Ferntree Gully Road, Knoxfield, Vic., telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue (save and except for all bulbs and lenses whether made of glass or some other substance) will under normal use and service be free of failures in material and workmanship for a period of five (5) year (unless this period has been extended as indicated elsewhere) from the date of the original purchase by the consumer as marked on the invoice. This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the consumer.

To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that a warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim.

In the event that the claim is determined to be for a minor failure of the product then BWI reserves the right to repair or replace it at its discretion. In the event that a major failure is determined the consumer will be entitled to a replacement or a refund as well as compensation for any other reasonably foreseeable loss or damage. This warranty is in addition to any other rights or remedies that the consumer may have under State or Federal legislation.

IMPORTANT NOTE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Distributed by

AUSTRALIA

Brown & Watson International Pty Ltd

Knoxfield, Victoria 3180
Telephone (03) 9730 6000
Facsimile (03) 9730 6050
National Toll Free 1800 113 443

NEW ZEALAND

Narva New Zealand Ltd

22–24 Olive Road
PO Box 12556 Penrose
Auckland, New Zealand
Telephone (09) 525 4575

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