# IMPORTANT SAFETY INSTRUCTIONS

#### 1. SAVE THESE INSTRUCTIONS

- This manual contains important safety and operating instructions for the battery charger.
- 2. Do not charge with damaged cord or plug.
- 3. Do not disassemble charger.
- 4. Follow these instructions for equipment you intend to use in proximity of the battery or battery charger. Review cautionary markings on products.

### PERSONAL PRECAUTIONS

Do not use battery charger for charging dry-cell batteries. LIFEPO4 Lithium Batteries only.

### **PREPARING TO CHARGE**

- a) Always Isolate batteries before charging
- b) When removing battery always remove grounded terminal from battery first.
- c) Make sure all accessories are off and any connecting breaker is switched to the off position .

d) Determine voltage of battery making certain that battery posts are connected to corresponding charging leads.

# **CHARGER LOCATION**

a) Do not set a battery on top of charger.

b) Mount Charger in most secure and protected area.

# **IMPORTANT SAFETY INFORMATION!**

- · Do Not Charge batteries not specified in TECHNICAL INFORMATION.
- Check the charger cables prior to use . Ensure that there are no cracks, exposed wires in the charger cables and loos connections.
- · Do Not charge a damaged battery.
- · Do Not place the charger on top of the battery when charging.
- · Avoid covering the charger.
- This charger is not designed for use by young children or people who can not read or understand the manual. Store and use the battery charger out of the reach of children and ensure that children can not play with charger.
- Do not extend the charger cable.
- Ensure correct wires, cables, circuit breakers and fuses are used in the electrical system. Only use Tinned Cooper cables are recommended for marine appliances.

# **TECHNICAL SPECIFICATIONS:**

SIZE	320mm x240mm x80mm - 6.5KG
AMBIENT TEMPERATURE	-30C to + 50C
BATTERY TYPE	LIFEPO4 Lithium only Dual 12v & 24v 10amp charger
CHARGING CURRENT	10A per charger
CHARGING VOLTAGE	14.6V & 29.2V Max
RATED AC INPUT	AC DC 220v-240v 50Hz



1 - BANK DUAL MARINE BATTERY CHARGER For 12v/24v Lithium (LifePO4)batteries MODEL: GML-12V24V10A



- **Hed-** Charging, Green- Fully charged
- Power AC power is connected and charger standby
- METINATE Hold the button down for 3-5s to wake LiFePO4 batteries when in low voltage cutoff

Warning: Failure to follow instructions may result in damage to charger/battery. READ ENTIRE MANUAL BEFORE USE.

# IMPORTANT SAFETY INSTRUCTIONS

#### 1. SAVE THESE INSTRUCTIONS

- This manual contains important safety and operating instructions for the battery charger.
- 2. Do not charge with damaged cord or plug.
- 3. Do not disassemble charger.
- 4. Follow these instructions for equipment you intend to use in proximity of the battery or battery charger. Review cautionary markings on products.

### PERSONAL PRECAUTIONS

Do not use battery charger for charging dry-cell batteries. LIFEPO4 Lithium Batteries only.

#### **PREPARING TO CHARGE**

- a) Always Isolate batteries before charging
- b) When removing battery always remove grounded terminal from battery first.
- c) Make sure all accessories are off and any connecting breaker is switched to the off position .

d) Determine voltage of battery making certain that battery posts are connected to corresponding charging leads.

### **CHARGER LOCATION**

a) Do not set a battery on top of charger.

b) Mount Charger in most secure and protected area.

# **IMPORTANT SAFETY INFORMATION!**

- · Do Not Charge batteries not specified in TECHNICAL INFORMATION.
- Check the charger cables prior to use . Ensure that there are no cracks, exposed wires in the charger cables and loos connections.
- · Do Not charge a damaged battery.
- · Do Not place the charger on top of the battery when charging.
- · Avoid covering the charger.
- This charger is not designed for use by young children or people who can not read or understand the manual. Store and use the battery charger out of the reach of children and ensure that children can not play with charger.
- Do not extend the charger cable.
- Ensure correct wires, cables, circuit breakers and fuses are used in the electrical system. Only use Tinned Cooper cables are recommended for marine appliances.

# **TECHNICAL SPECIFICATIONS:**

SIZE	320mm x240mm x80mm - 6.5KG
AMBIENT TEMPERATURE	-30C to + 50C
BATTERY TYPE	LIFEPO4 Lithium only Dual 12v & 24v 10amp charger
CHARGING CURRENT	10A per charger
CHARGING VOLTAGE	29.2V & 29.2V Max
RATED AC INPUT	AC DC 220v-240v 50Hz



2 - BANK DUAL MARINE BATTERY CHARGER For 24v/24v Lithium (LifePO4)batteries MODEL: GML-24V24V10A



- **Hell** Red- Charging, Green- Fully charged
- Power AC power is connected and charger standby
- METINATE Hold the button down for 3-5s to wake LiFePO4 batteries when in low voltage cutoff

Warning: Failure to follow instructions may result in damage to charger/battery. READ ENTIRE MANUAL BEFORE USE.

# IMPORTANT SAFETY INSTRUCTIONS

#### 1. SAVE THESE INSTRUCTIONS

- This manual contains important safety and operating instructions for the battery charger.
- 2. Do not charge with damaged cord or plug.
- 3. Do not disassemble charger.
- Follow these instructions for equipment you intend to use in proximity of the battery or battery charger. Review cautionary markings on products.

### PERSONAL PRECAUTIONS

Do not use battery charger for charging dry-cell batteries. LIFEPO4 Lithium Batteries only.

#### **PREPARING TO CHARGE**

- a) Always Isolate batteries before charging
- b) When removing battery always remove grounded terminal from battery first.
- c) Make sure all accessories are off and any connecting breaker is switched to the off position .

d) Determine voltage of battery making certain that battery posts are connected to corresponding charging leads.

### **CHARGER LOCATION**

a) Do not set a battery on top of charger.

b) Mount Charger in most secure and protected area.

# **IMPORTANT SAFETY INFORMATION!**

- · Do Not Charge batteries not specified in TECHNICAL INFORMATION.
- Check the charger cables prior to use . Ensure that there are no cracks, exposed wires in the charger cables and loos connections.
- · Do Not charge a damaged battery.
- · Do Not place the charger on top of the battery when charging.
- · Avoid covering the charger.
- This charger is not designed for use by young children or people who can not read or understand the manual. Store and use the battery charger out of the reach of children and ensure that children can not play with charger.
- Do not extend the charger cable.
- Ensure correct wires, cables, circuit breakers and fuses are used in the electrical system. Only use Tinned Cooper cables are recommended for marine appliances.

# **TECHNICAL SPECIFICATIONS:**

SIZE	320mm x240mm x80mm - 6.5KG
AMBIENT TEMPERATURE	-30C to + 50C
BATTERY TYPE	LIFEPO4 Lithium only Dual 12v & 24v 10amp charger
CHARGING CURRENT	10A per charger
CHARGING VOLTAGE	14.6V & 43.2V Max
RATED AC INPUT	AC DC 220v-240v 50Hz



3 - BANK DUAL MARINE BATTERY CHARGER For 12v/36v Lithium (LifePO4)batteries MODEL: GML-12V36V10A



- **Hed-** Charging, Green- Fully charged
- Power AC power is connected and charger standby
- METINATE Hold the button down for 3-5s to wake LiFePO4 batteries when in low voltage cutoff

Warning: Failure to follow instructions may result in damage to charger/battery. READ ENTIRE MANUAL BEFORE USE.