

BATTERY CHARGER - MODEL AVNL50

USER MANUAL

FEATURES:

- Can charge 4 NP series of Lithium Ion battery pack
- Quick charging on 4 battery channels sequentially.
- Auto safety features for damaged or misused batteries.
- Universal A/C input for global user.

CHARGER OPERATION:

The charger is a sequential quick charger that will charge the Lithium battery in approximately 5 hours. It can charge 4 batteries sequentially. The sequence for battery charging is called the charging sequence loop. The charging sequence loop charging starts at channel 1 then progresses through to channel 2...3...4 then back to channel 1 again (1,2,3,4, 1,2,3,4,...) The charging automatically searches each channel for battery for charge. in a continuous loop. The charging sequence loop is interrupted only by the detection of valid battery to be charged.

OPERATING INSTRUCTION:

- Connect AC power cord firmly,
- Turn the main switch to ON.
- Operation:

- 1) Insert battery pack.
- 2) Charging Mode: Green light will flashing.
- 3) Full charge Mode: Green lamp will lighting.
- 4) Stand-By Mode: Red lamps will lighting.

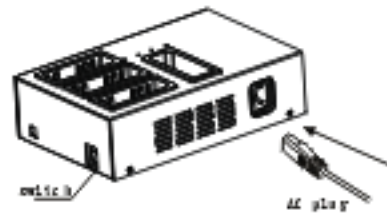


Fig 1

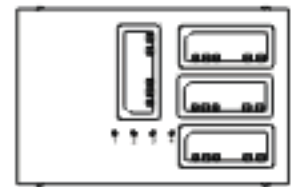


Fig 2



Fig 3



Fig 4

SAFETY FEATURES:

The charger has built-in safety features to protect the charger as well as the batteries from serious damage in the event an attempt is made to charge a faulty battery. Low voltage batteries are detected prior to applying quick charge current. If low-voltage battery to be found, it will not be quick charging until it reaches to the acceptable quick charge level. This prevents any damage to the unit or to the battery. Batteries reaching an over voltage condition during charging will also be detected.

GENERAL NOTES:

- Do not place anything on the charger, Do not block ventilation holes when charger in using.
- During Charging the temperature of the charger will rise, this is normal and not malfunction.
- Be sure to insert battery into the battery socket firmly.
- Do not attempt to use faulty batteries or batteries with incorrect specifications.
- Do not expose the charger to direct sunlight, using in well-ventilated place.
- Do not operate near equipment that might be influenced by noise such as TV set... etc.
- Do not open the unit or attempt to repair any malfunction, there are dangerous power supply circuits inside, There are no user serviceable parts inside.
- The charger should be turned on prior to batteries insert.

SPECIFICATION:

- Applicable battery: For BP / NP series of Lithium Ion battery only.
- Quick charging current: 2.0A
- A/C Input: 100-220V AC 60/50 Hz auto-detected.
- DC output: 16.8V
- Weight: 1.60 Kgs. approx.
- Dimension: 225.0 x 155.3 x 79.7 mm

