

# ULIN-KT004 Charger

## Technical Datasheet



### Charging Module Specifications

Part No.	ULIN-KT004
Solar Input	57 watt panel (ULIN-SP57)
Output Voltage	12.6 VDC
Peak Current (Max)	3 Amps
Nominal Current	2.6 Amps
User Interface LED	LED Blue ON : Power ON LED Red ON :Charging Red LED Turns Orange: 80% charge Orange LED Turns Green: Full Charge
Operating Temperature	-40 Deg C to 55 Deg C
Operating Altitude	6000 meters
Storage Temperature	-50 Deg C to 65 Deg C
Humidity	95% relative
Cables	Attached with Charger
Enclosure / Material	IP65 / Extruded Aluminium
Dimension	200 x 82 x 32 in mm

### Solar Panel Benefits and Features:

- Light Weight
- Performs well in diverse environments, including hot and cloudy environments
- UV Resistant and weatherproof
- Reverse Blocking Diode
- Rugged construction(Meets MIL-STD-810F)
- No Electrical noise (or) Interfaces
- No Audible noise (or) Heat signature

### Charger Benefits and Features:

- Unattended Charging
- Charging Module automatically detects Open (or) shorted cells
- Charging stops whenever a fault is detected

### Note:

ULIN-KT004 Solar Battery Charging Kit designed and developed exclusively for Defence Bioengineering and Electromedical Laboratory (DEBEL) to charge HAPO Automation Unit mKII only.

### Solar Panel Specifications

Part No.	ULIN-SP57
Rated Power	57 Watts
Open Circuit Voltage	28 Volts
Operating Voltage	20 Volts
Operating Current	2.5 Amps
Short Circuit Current	4.2 Amps
Dimensions (Folded)	262 x 308 x 54 mm
Dimensions (Unfolded)	1979 x 833mm
Weight (Approx.)	1650 grms
Connector	Ecomate
Color	Desert Form / camouflage

The ULIN-KT004 is a Solar Battery Charger Kit consists of the following equipments:

•	ULIN-SCH-04	Charger Module	1 no.
•	ULIN-SP57	Solar Panel	1 no.
•	ULIN-TS-01	Tent Stakes	4 nos

ULIN-KT004

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