

CU-1

The RRT Single Bay - Charger Unit



The RRT single bay Charger Unit (CU-1), is a high performance, lightweight, portable charger contained within a weather and impact resistant case intended for the desktop, but at the same time this charger has been built tough enough to travel and operate in the field. The CU-1 provides a very simple and safe battery charging operation. Simply connect the AC/DC power supply into the charger, place the Ultralife Corporation UBI-2590 battery on the charger. The CU-1 takes over from there and automatically begins the charge cycle. The CU-1 charger modules will analyze and detect battery fault conditions (i.e. short, damaged, etc.). If no faults are found, the battery charger executes the balance of the charging cycle and will completely recharge the UBI-2590 in approximately 3 to 4 hours. Each individual string of cells is recharged independently to ensure a thorough and complete charge of the UBI-2590. After the charge cycle is complete, the battery can remain on the CU-1 without causing any type of battery overcharge issue. Once fully charged, the CU-1 will check and recheck the battery's state-of-charge and follow-up with a trickle charge if necessary in order to maintain the UBI-2590 at its peak charge level. With the correct adapter, the voltage input range of the AC/DC power supply (100-265 VAC 50/60Hz), will allow operation from nearly any international AC power source (AC adapters plugs not included –should be purchased separately if necessary).

TECHNICAL DATA	
AC/DC Input:	100-265 VAC 50/60Hz
DC Input (17-20VDC):	DC to DC Power Supply/Cable (Optional)
Charge Rate:	3.0 Amp per string
Types:	UBI-2590
LED Indicators:	Power, Charging, Fault, Trickle Charge
Dimensions:	5 11/16"L x 3"W x 2 1/4"D
Weight:	2 lbs. (including AC/DC power supply)
Operating Temperature:	0° C to 50° C *UBI-2590 normal charging temp is 5° to 38°C
Storage Temperature:	-55° C to 125° C
Cables Included:	AC/DC power supply & cabling

RRT Part Number 02-778-0031
Available under our GSA Schedule GS-35F-0575M

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RRT Inc. is ISO 9001:2008 certified