

CLU CHARGER

**Tactical Dual Channel Charger for SPIKE
Rechargeable Battery ELI-2313-5Y
NSN: 6130-31-017-4014**



General description

- Dual channel tactical charger for SPIKE ATGM Control Station battery ELI-2313-5Y
- Certified by RAFAEL
- Designed for field and depot use
- LED charging status and main power indicators
- Charges all SPIKE rechargeable batteries
- Detects damaged batteries and cells
- AC and DC power inputs support depot and vehicle operation

Applications

Dedicated for RAFAEL SPIKE ground station battery ELI-2313-5Y

Charge Method (CCCV)

- Parallel charging of 2 batteries through
- Charging Voltage: 29.4V
- Max. charging current: 2.7A

Interfaces

- DC Input: 22 to 31 VDC (nominal)
- DC output charging connector: ELI-2313 dual docking

Safety

- Input: short/open circuit, over/under temperature, over/under voltage, discharge protection
- Output: short circuit, overload, reverse polarity, over voltage, over temperature, safety timer

Applicable Standards

- MIL-STD-810-E; MIL-STD-461-E; MIL-STD-1275D

Quality System

- ISO-9001:2008; AS-9100

Mechanical

Dimensions (Max.)	(L,W,H): 420mm; 340mm; 180mm
Weight	9.0 kg
Housing	ABS
Color	Black

Electrical

AC Input	100 - 240 VAV (50/60Hz)
DC Input	22 – 31 VDC (Nominal)
Output Voltage	29.4 VDC (adjusting to battery)
Max. Output Current	2.7A per channel
Max. Output Power	160W

Environmental

Charge	-0°C to 50°C
Storage	-40°C to 70°C
Humidity	0 to 90%
Transportation	Non dangerous goods

