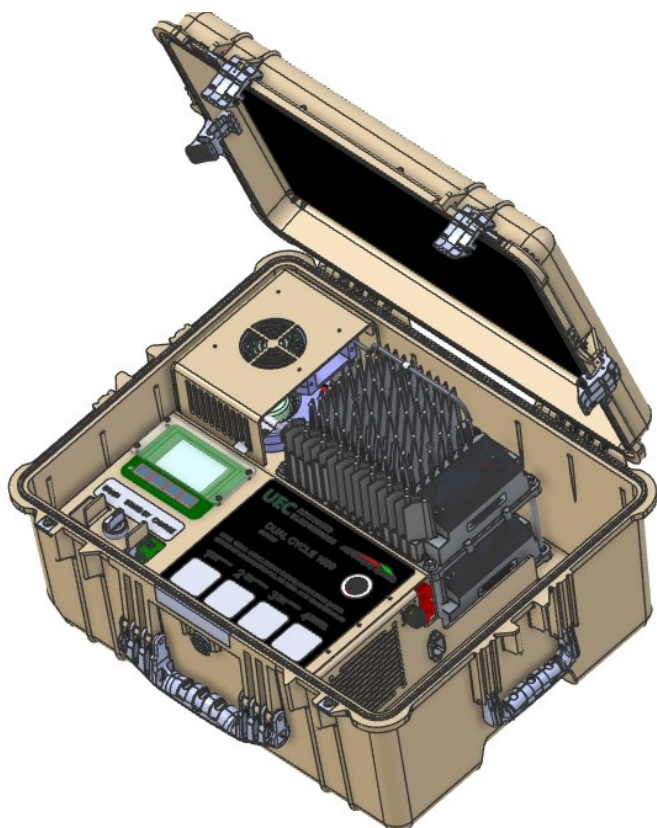


## DC1600

## Portable Charger and Conditioner



- The DUAL CYCLE (DC1600) is a new generation portable battery charger and conditioner for 6T Lithium-ion batteries.
- Designed to interface with the battery using CAN J1939 for precision charging and discharging performance.
- All charging requirements meet or exceed Mil Spec PRF-32565.
- Automatically identifies and configures charging and discharging parameters. No user input needed.
- Universal AC input range: 85 to 270 VAC.
- One man lift—MIL-STD-1472F.
- Reverse polarity protection.
- Securely housed within a protected IP67 ruggedized case.
- Wired screen pad displays pertinent data provided by CAN.

### Technical Specifications

Part Number	DC1600
Input (Typical)	100VAC TO 240VAC, 50-60 HZ 12A(MAX)
Output	24VDC @ 50A (66A @ 240VAC)
Discharge Rate	25 Amps Nominal
Operating Temperature	-40 to +65 Degrees C / -40 to 149 Degrees F
Storage Temperature	-40 to +85 Degrees C / -40 to 185 Degrees F
Weight	67 Lb / 30.4 Kg
Dimensions	L 24.83 x W 19.69 X H 11.88 (Inches)
Ingress Protection	IP 67

Managing 6T lithium-ion batteries for transport, then redeployment has never been easier. The DC1600 charger / conditioner combo is a ruggedized portable unit designed to quickly & safely Discharge 6T batteries to the required level for shipment & fully recharge upon arrival.

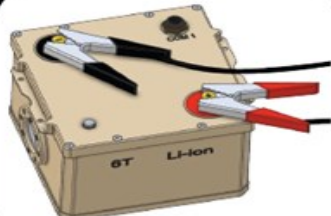


When transporting by ship, aircraft, truck or rail (individually or installed in a vehicle), lithium-ion 6T batteries must be offered at a State of Charge (SoC) not exceeding 30% of their rated capacity. The DC1600 will drain a 6T battery to 30% SoC for shipment, then charge back to 100% upon reaching their destination. Just follow the simple steps below.

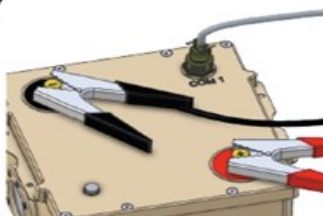
**1 Connect Power Cable**



**2 Connect Battery Cable**



**3 Connect COM Cable**



**4 Select Mode Drain/Charge**

