

48V CINE

BATTERY GENERATOR

A 48v DC lithium iron phosphate (LiFePO4) battery generator that powers Nanlux Evoke, Dyno, and TK Series Lights for extended periods of time without the power supply. BBGs offer truly untethered power for maximum portability.

5120Wh of DC energy in a wheeled case with a Nanlux-connector compliant 25ft cable. Use DC Power to get more watt-hours (i.e. runtime) at a lower cost, weight, and risk of failure. 6000 cycles at 80% of DoD inside a thermoplastic case make this a durable product for repeat use. Become untethered: simply drop NUE power and Nanlux lighting where creative decisions dictate while on location both indoors and outdoors.



BENEFITS

- ☑ Used by Nanlux with their products.
- ☑ Large Battery: A single unit can power an Evoke 1250 at 100% brightness without interruption for 3.5 hours without recharging. Interconnect multiple units and double or triple your runtime.
- ☑ Bluetooth communication directly from the Battery Management System (BMS) provides remaining runtime, state of charge, power consumption, lifetime cycle life and more information and remote control capabilities.
- ☑ Anderson connectors allow for quick, easy, and safe DC to DC connection
- ☑ Vs. Inverter Units
 - No power conversion losses means longer runtimes
 - Lower costs vs. AC systems
 - Higher reliability
- ☑ Vs. Diesel Generators
 - Reliable, clean, and stable power reduces risk of damaging Nanlux lights.
 - Allows filmmakers to run short runs of stinger instead of long runs of Bandit
 - No noise means placement anywhere on set
- ☑ Vs. Wheeled Cabinet Battery systems
 - Carry over uneven/rough ground
 - More affordable per Whr and per Cycle More affordable per Whr and Cycle
 - Energy Dense batteries offer more power per lb
 - 3 easy lift handles

APPLICATIONS

- ☑ Directly powers Nanlux Evoke, Dyno, and TK Series Lights using Nanlux connectors.
- ☑ Outdoor Location Shoots: Maximize portability to the most remote sites and mobility by quick mounting on almost any vehicle.
- ☑ Indoor location shoots: avoid running bandit down to street level across rooms and floors Use on a 1-1 basis for maximum duration without recharging or double-up for reduced power volume.
- ☑ Daisy chain up to four in a row with multiple Anderson's for increased battery runtime.



Specifications

BBG Version	48V 100Ah CINE
Battery Type	Lithium Iron Phosphate (LiFePO4)
Storage Capacity	5.12 kWh
Estimated Cycle Life based on an 80% Depth of Discharge (subject to other variables including temperature and load)	6,000
DC Nominal Voltage	51.2V
Operating Voltage Range	48-58V
Max Continuous Charge Current	100A
Nominal and Minimum Capacity	100Ah
Max Continuous Discharge Current	100A
Peak Discharge Current	300A 1-3S
Maximum in Parallel	4
Discharge Temperature Range	-4-140°F (-20-60°C)
Charging Temperature Range	32-131°F (0-55°C)
Weight	99lb (45kg)
Dimensions	23"x18"x11" (57x44x26cm)
Warranty and Certifications	5-YEAR LIMITED MANUFACTURER'S WARRANTY UN 38.3, UL (Cell), and CE (Cell) Certified.
Connection Cable	One 25ft/9m Anderson 175 to Nanlux connection stinger cable included. Additional cables available upon request/purchase.
Recharging	External 30amp (1500w) 48v DC battery charger included for charging from 120V AC power

