

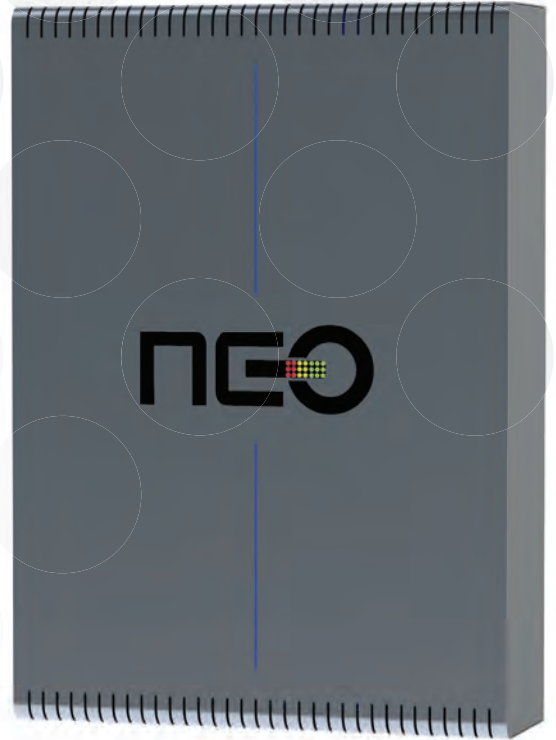


## Intelligent Energy Storage System

Neo, our energy storage platform, is a core element of our control system and can provide power when hydro goes down. With the low voltage requirements of our lighting system this can mean additional days of light when you really need it. You'll never be suddenly left in the dark again.

Charged from a renewable energy source or by the utility grid, Neo runs your lights 24/7 and can protect you against power outages by providing backup electricity for your iLLUMA-Drive lighting platform and essential loads. Power goes out, lights and devices stay on.

Pair with a renewable energy source, typically solar, Neo provides increased independence because all of your lighting needs will be powered by your system even when the power grid has service interruptions.



## Specifications\*

### Wall mounted, Bi-Directional Power Unit, Li-Ion Battery Storage, Renewable Energy Ready

**Output:** 5kW Continuous (120VAC, 48VDC)

**Current:** AC 33A, DC 65A Continuous

**Inverter Efficiency:** 93%

**DC Efficiency:** 98%

**Usable Capacity:** 2kWh to 9.2kWh

**Cycle Life:** 10,000 cycles @ 100% DOD

**Dimensions:** (LxWxD): 38"x27"x9"

**Weight:** 81kg (178lbs)









**Certifications:** cULus 9540 (pending)

**Other Features:** Low Voltage-DC power for iD1 lighting controllers, IOT Remote Monitoring, External DC input – Solar ready battery charging, Emergency power with internal transfer relay.

**10 year limited warranty**

\* Subject to modification

If the power fails you can power any of these individual devices continuously **without** charging for:

-  Critical Lighting: 7 days
-  Furnace: 24 hours
-  Freezer: 3 days
-  Refrigerator: 1-2 days
-  Sump Pump (1/3hp): 13 hours
-  Laptop/Cell Phone: 30 hours
-  Home Security/Internet: 40 hours
-  50" LED Television: 32 hours

Typical usage will allow a refrigerator to run for 2 days and a sump pump for 1 week.