

SAFT



Frontline Power with Go Electric's Lync™ Nomad

The ruggedized microgrid solution for forward operating bases. Portable, Flexible, Comprehensive.

Silent, clean and reliable power is now available as a ruggedized mobile hybrid power system.

Lync™ Nomad integrates the Go Electric product line of resilient microgrid solutions, developed to work with any distributed energy source and designed for quick and easy deployment in most remote places.

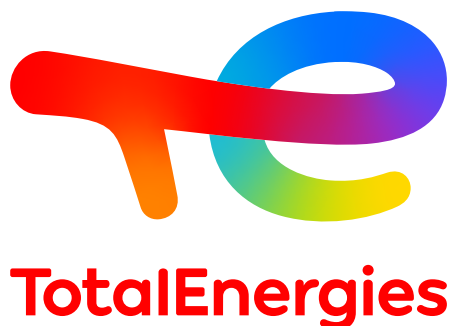
Lync™ Nomad solution

Clean and reliable power whatever the input

Can be taken anywhere whatever the environment

Silent Watch Operation, independent from any external power source

Generator fuel savings



Lync™ Nomad 60 kW

- Uninterruptible power, energy storage, microgrid controls with embedded dispatch of solar, wind, diesel and battery power
- 60 kW / 208 V AC 3-phase output at 50 Hz or 60 Hz (selectable)
- 84 kWh Li-ion battery
- Ability to work with 60 kW of high voltage solar, enabling battery recharge without generator
- Ability to add a EV DC fast charger
- Standalone operation enabled with self-sufficient, integrated solar charger providing power to 12V DC batteries while system is off or on
- Qualified to MIL standards
- IP 67 sealed battery packs
- Refrigerant cooled
- Internal fire suppression matting

Benefits at a glance

Quantifiable resilience

- ▶ Fully self-sufficient, uninterruptible power supply to remote bases

Reduced energy cost

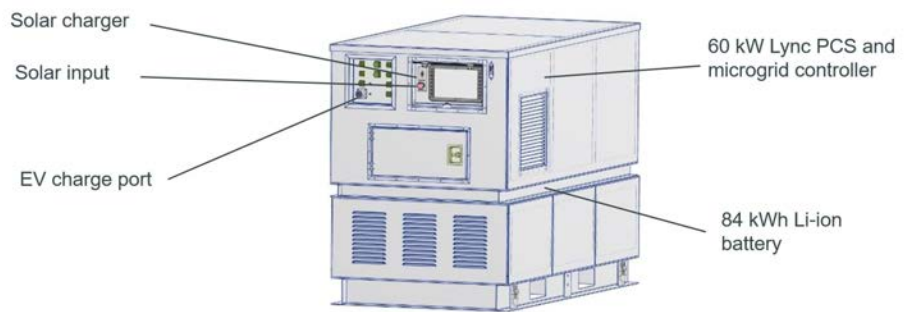
- ▶ Fuel savings through maximum use of renewables and optimum efficiency of generator operation

Reliable silent watch

- ▶ Up to 2 hours standalone operation at 30 kW

Flexible deployment

- ▶ Easy transportation and installation even in harsh environments



Nomad-TMS 60 kw / 84 kWh Specifications

AC Output Power	60 kW @ 0.8 Power Factor
AC Input Power	60 kW 3-Phase
System Efficiency at Full Load	~90%
Battery	Li-ion, 84 kWh (2 x 42 kWh in series)
EV Charge Port (interface integration required)	30 kW @ 300-700 VDC
Solar Input	800 W Solar Input, 24 VDC
HMI Interface Control	TMS-MG, Auto (Charge/Discharge), Genset (Charge), Silent Watch (Discharge)
Remote Interface Control	MODBUS TCP Interface
Operating Temperatures	System: (-40) to 50°C ambient Batteries: (-20) to 50°C ambient
Size: L x W x H	83.5 x 44 x 59.5 inches 2121 x 1118 x 1511 mm
Weight	3,900 lbs (1770 kg)
Design Standards	Tactical Hybrid Power Sources (THPS) MIL-STD-810H, MIL-STD-461G

Saft

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