



# NXTGEN 50/25 The Bear

The Bear our NXTGEN 50kW /25kWh is available in 6 different configurations, ideal for Film and TV, entertainment events, and construction. With or without a trailer. The units can be daisy chained to increase kWh to a maximum of 150kWh at 50KW.

**IP54 Rated**

**Weight: 650 Kilos**

**Draw Power and Charge Simultaneously.**

**Swiss Design**

**Extremely Robust Build**

**Approved by NATO**



## Technical Specifications

Output kVa	48kVa
Weight (KG)	650
Dimensions (CM)	148 x 82 x 111
Charging Time at 63A	2 Hrs
Charging Time at 32A	5 Hrs
Charging Time at 16A	9 Hrs
Charging Options	16A - 32A Solar Charging Grid HVO Wind
Peak Output	49.5kVa
Boost Operations in Seconds	60
Working Temperature (Charging)	-20 to 40°C
Working Temperature (Discharging)	-20 to 40°C
Noise Level	52dB
Protection Class	IP54
Braked Trailer Option	Yes



The Bear NXTGEN 50/25 is designed and built in Switzerland, using only the highest quality/precision of components on the market from the Automotive and Aerospace industry. The NXTGEN 50/25 utilizes the same cell technology used in the international space station. Alongside this is cell management software designed specifically for our products to provide longevity of the cells. With their noise free sine wave form conforms to the stipulated voltage and frequency tolerances, allowing them to be used with the most sensitive of equipment. Remote access and monitoring including GPS tracking comes with the units as standard. The units can charge and discharge simultaneously, so if you have access to a standard 13A socket and above, you can be trickle feeding the units whilst in use.

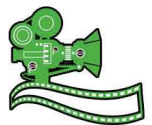
NXTGEN 50/25 supplies 25kWH of power up to 49.5kVA load current, designed to provide the full 25kWH within the ambient temperature range of -20 – 45 degrees centigrade. This is achieved by building plenty of redundancy into the system, which also enables the cell management technology to look after the system, for up to two weeks once fully discharged.

In addition to the above, all units have the capability to provide more kVA for short periods (depending on draw) this covers initial powering up of multiple appliances simultaneously, fluctuating ballast or tungsten lights reaching temp etc.

Weighing in at just under 650KG the 25kWh can be trailer mounted and pulled by anyone holding a UK driving license, they are also small enough to be mounted directly into the back of any regular van, providing full flexibility on location and for transportation.

All units can be daisy chained in multiple configurations of up to 6 units ie:  
 25 – 25 -25 -25 – 25 – 25 will give you the ability to charge and draw power simultaneously for 150kWH at 49.5kVA charging can be carried out from any standard 13A plug socket, solar panels, 16A S/P, 32 S/P, 16A 3/P, 32A 3/P (dependant on configuration)

## Sector Usage



**Film & TV**



**Live Events**



**Construction**



**Humanitarian Aid**



**Agriculture**



**MOD**



**Off-Grid**



**Mining**



**Emergency Services**



**Sport Events**



# Configurations



Base 3 Phase



Base Single Phase



Events



Events Plus



Cine



Cine Plus