

The Bear

50 KVA / 25 kWh



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Developed in Switzerland to meet the unique demands of industry and commerce, the **NXTGENbps Bear** is built on Lithium Mangan Oxid (LMO) cell technology and Swiss engineering. Extensively tested in the field, it delivers reliable, emission-free power for a wide range of professional applications.

FEATURES AT A GLANCE

- Mobile off-grid power
- Ideal for remote operations such as construction and film production
- Remote monitoring via 72 channels of GPS
- Enables fuel savings and reduced reliance on traditional generators
- Quiet operation for noise-sensitive environments
- Zero emissions during operation

PRODUCT DETAILS



50 kVa / 25kWh

Provides 49.5kVA of clean power with versatile multi-output connectivity



650kg Weight

Road-towable under a standard driving licence, complete with a braked trailer



Remote Monitoring

Track battery performance, GPS location, and system health in real time



Sustainable Design

Advanced, recyclable battery cells for a cleaner, circular energy lifecycle



Silent Operation

Operates almost silently, ideal for sound-sensitive locations

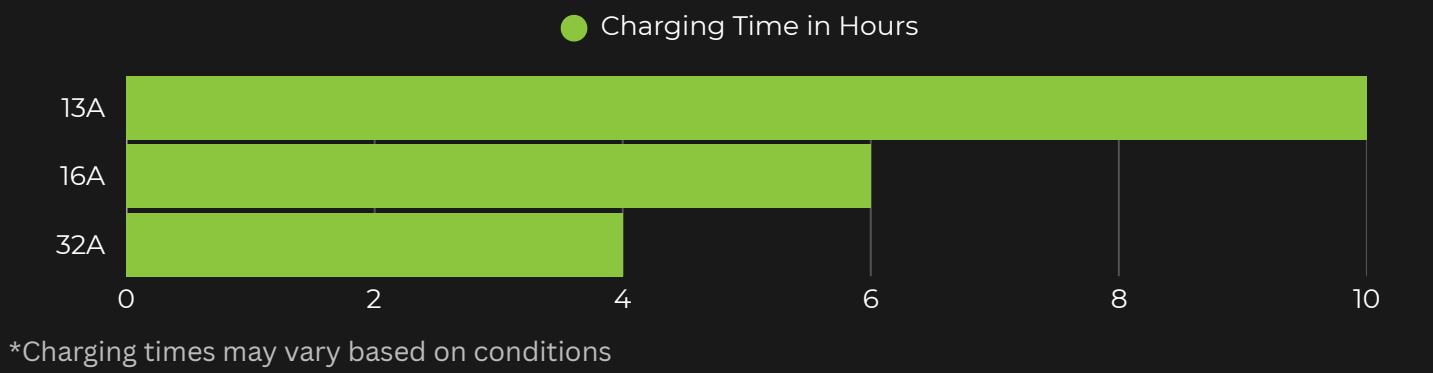


Zero Emissions

Emission-free power for carbon-neutral production without sacrificing performance



CHARGING TIMES





TECHNICAL DATA

NXTGENbps Bear

Weight	660 kg (without trailer)
Dimensions (L x W x H)	148 x 82 x 110 cm
Power Output	50 kVa (45 kW continuous)
Battery Capacity	25 kWh net usable (@23°C)
Frequency	50 Hz
Overload Capacity	100–110% continuous 110–125% up to 30 min (@23°C) 125–150% up to 10 min >150% up to 0.2 sec
Charging Time (Full Charge, 5%–95%, above 0°C)	Mains (13A): 10 hours CEE16A (16A): 6 hours CEE32A (32A): 4 hours
Input (Charging)	1 x CEE 32A 3-phase 1 x CEE 16A 3-phase 1 x CEE 16A single-phase Solar input option
Output (Discharging)	1 x CEE63A 3-phase 1 x CEE32A 3-phase 1 x CEE16A 3-phase 1 x CEE16A single-phase
Protection	System does not require external grounding
Battery Type	Lithium Manganese Oxide (LMO)
Cooling Principle	Air cooled
Operating Range	-20°C to +40°C
Protection Class	IP54
Noise Level	<52 dB (at 1m distance)

Bear Trailer (Included)

Design	Bespoke trailer accommodates the battery system securely
Handling	Fast and safe loading/unloading with special fastening technology – no tension straps required
Permissible Speed	Up to 60 mph /(100km/h subject to country-specific regulations)
Coupling Options	Ball head
Trailer Weight	200 kg



NXTGENbps PURE GREEN ENERGY

Silent, emission-free, and engineered for performance, the Bear provides dependable high-capacity power wherever it’s needed.