

TECHNICAL SPECIFICATION

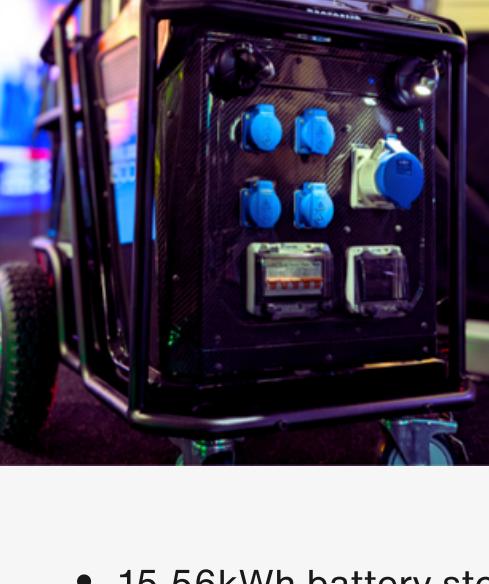
The Emperor

12kW / 15kWh



NXT
GENbps
BATTERY POWER SOLUTIONS

T: 020 8941 1199 E: INFO@NXTGENBPS.COM



The **NXTGENbps Emperor** brings serious off-grid capability in a compact, portable 12kW / 15kWh battery. The Emperor delivers emission-free, reliable power for film and television productions, on-location shoots, and remote events. The Emperor has a compatible expansion unit that is 15kWh. Up to 20 expansion batteries can be daisy chained to give a maximum of 315kWh capacity.

FEATURES AT A GLANCE

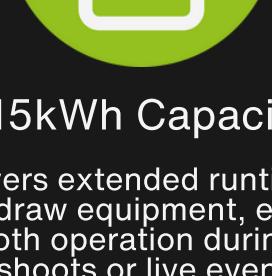
- 15.56kWh battery storage with expansion capability
- 15kW peak power output (5 sec) / 12kW continuous load
- 240V pure sine wave output for stable energy delivery
- Smart 4" touchscreen for real-time monitoring and control
- Weatherproof IP63-rated (with cover) for reliable outdoor performance
- Durable build with integrated wheels & retractable handle
- Safe & sustainable: Lithium iron phosphate (LiFePO4) battery
- UPS (uninterrupted power supply) function
- Remote monitoring (from 2026)

PRODUCT DETAILS



12kW Continuous Output

Dependable power for lighting rigs, cameras, and production offices, providing stable energy for demanding production use



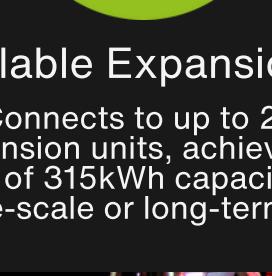
15kWh Capacity

Delivers extended runtime for high-draw equipment, ensuring smooth operation during long shoots or live events



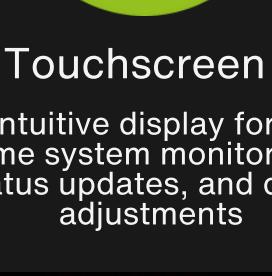
IP63 Weatherproof

IP63 with cover designed for durability and performance in outdoor or unpredictable conditions



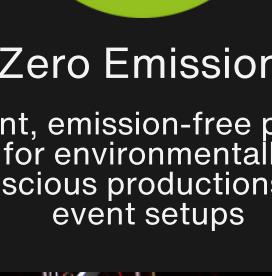
Scalable Expansion

Connects to up to 20 expansion units, achieving a total of 315kWh capacity for large-scale or long-term use



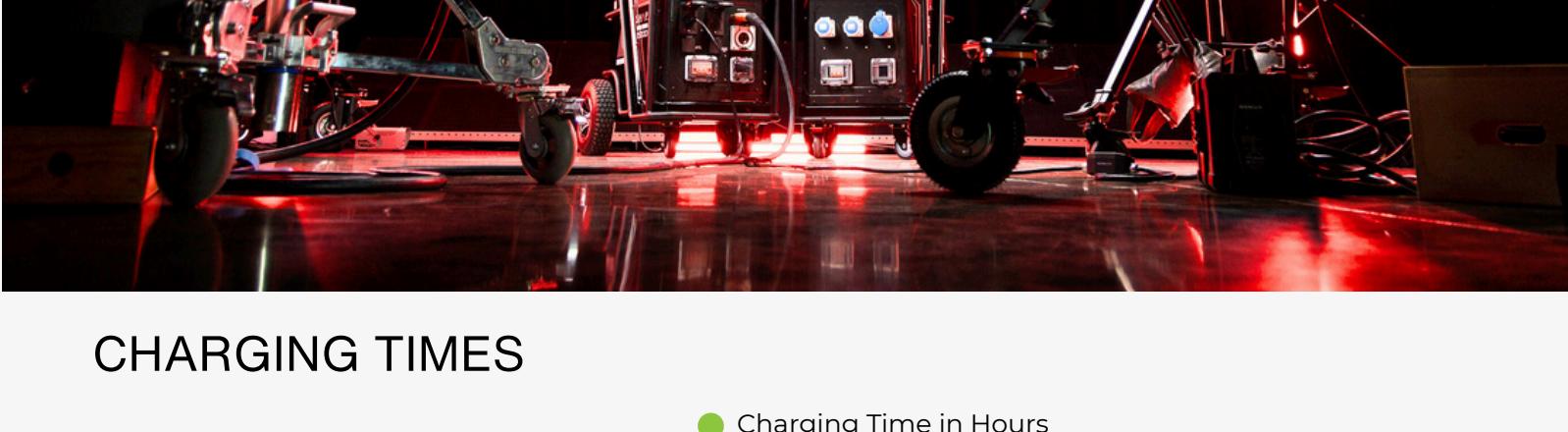
Smart Touchscreen control

4" intuitive display for real-time system monitoring, status updates, and quick adjustments



Zero Emissions

Silent, emission-free power for environmentally conscious productions and event setups



CHARGING TIMES

● Charging Time in Hours



*Charging times may vary based on conditions

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The Emperor
12kW / 15kWh

TECHNICAL DATA

NXTGENbps Emperor

Weight	180kg
Dimensions	790 x 705 x 795 mm (handle folded)
Protection Class	IP53 (without cover) IP63 (with cover)
Peak Power Output	15kW (5 sec)
Continuous Power Output	12kW
Battery Capacity	15.56kWh
Charging Times	Mains 13A 240V: 6-8 hrs 32A: 3-4 hrs Solar: approx. 12-18hrs (using 800w panel voltages between 125-425V)
Output (discharging)	2 x 16A CEE 240v 1 x 32A CEE 240v 2 x USB C (5V 3Amps) 2 x USB A (5V 3Amps)
Input (charging)	1 x 32 A 240V AC 1 x 16 A 240v AC 2 x Back up battery connections 2 x Solar PV (5.5kW max each)
Battery Technology	Lithium Iron Phosphate (LiFePO4)
Warranty	1 Year
Expansion	Connect to up to 20 Emperor expansion units
Operating Temperature	-20°C to +55°C
Charging Temperature	0°C to +55°C
Operable Altitude	<3000m

The Emperor Expansion Unit

Function	Backup battery module of 15 kWh for the Emperor
Main Storage	15.56 kWh
Compatibility	Compatible with North American & European versions
Battery Type	LiFePO4
Lifecycles	4,000 cycles to 80% capacity
Parallel connection communication method	RS485
Max unit supported in parallel connection	20 units
Weight	308 lbs / 140 Kg
Physical features	Retractable handle for carrying Removable sturdy all terrain inflatable wheels



NXTGENbps PURE GREEN ENERGY

Built with flexibility and portability in mind, the Emperor features a compact footprint for such a powerful battery. Ideal for UPS back up or on location events or remote production work. The Emperor paired with its back up systems creates the ultimate flexibility by enabling scalable power up to a massive 315kWh.