



NEO
LEADER Fan
EASY POWAIR
TECHNOLOGY



NEW!

BATTERY POWERED FAN **BATFAN 2**

Portable battery-operated fan
Powerful and lightweight for self-contained operation

2 models to choose from:

- ▶ BATFAN 20 - 20-minute runtime - 23.5 kg
- ▶ BATFAN 45 - 45-minute runtime - 26.5kg

Totally self-contained

- ▶ No need for a generator or power socket
- ▶ Runs on battery or mains electricity if necessary (battery will charge at same time)

Compact, mobile & low noise level

- ▶ Folds up and stows easily in the locker of a vehicle: 2 BATFANs occupy the space of one conventional fan!
- ▶ Portable by one person alone with carrying handle and strap
- ▶ BATFAN brings far less noise than gas driven fans during operation.

Quicker to set up than conventional fans

- ▶ No time wasted searching for a power socket: Starts off instantly
- ▶ No cable: Avoids any accident

Powerful shaped air jet (NEO technology) with optimal combination of:

- ▶ Blades specifically designed for the motor power
- ▶ Patented system shaping an oval cone of air for increased performance
- ▶ Reinforced double-layer monobloc shroud
- ▶ High-tech composite grill

Nimh battery:

- ▶ **Safety:** Nimh batteries are not classified as dangerous goods in comparison to Li-ion or LiFePO4
- ▶ **Environment:** Nimh manufacturing is far less detrimental to the environment than Lithium

Benefits

- ▶ Adjustable tilt from +65° to -90° with locking system (allows flat positioning to cover a manhole)
- ▶ Integrated variable-speed drive
- ▶ 10 LEDs to illuminate the walkway in front the blower
- ▶ Built in charger : charge during operation
- ▶ Battery charge indicator
- ▶ Secure (flat) keypad to control all functions (No fragile button to turn for setting speed...)
- ▶ Low maintenance: 1 full charge every 6 weeks
- ▶ Powered by Nimh battery: No restriction for transportation, Totally safe
- ▶ Designed to be connected with ducts, foam adapter and "rehab" misting device



Ventilation tactics in the catalogue or at www.leader-group.eu
Freely downloadable interactive ventilation courses at www.leader-educexpert.com
As part of our policy of constant research to improve our products, we reserve the right to modify our products' characteristics at any time without notice



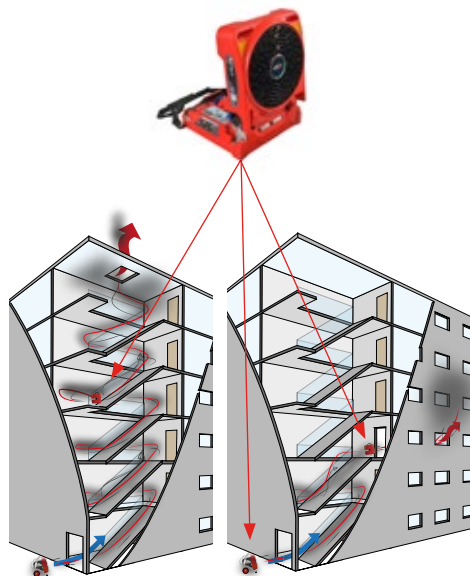
Multi-application, can be used:

- ▶ Indoors or outdoors: protected against splashing water (IP66)
- ▶ On its own at a building entrance for PPV
- ▶ For PPV combined tactics with other fans:
 - as a relay in a corridor or stairwell
 - for attack in front of an apartment door for offensive ventilation
- ▶ For extraction or blowing through ducts (optional)
- ▶ As a foam generator with foam adapter (optional)
- ▶ For rehab of the crew after intervention

Two BATFANs together for even more flexibility

Taking up no more space than one standard fan, two BATFANs give greater operational flexibility:

- ▶ At the building entrance for PPV tactic for more air flow
- ▶ For combined PPV tactic: one at the entrance, the other for relay or attack on a higher floor



Characteristics

Model	BATFAN 20	BATFAN 45
References 110V	163.12.012	163.12.013
References 220V	163.12.010	163.12.011
Open air flow	28 050 m ³ /h *	
PPV air flow according to AMCA (220v)	17 700 m ³ /h *	
Weight	23.5 Kg	26.5 Kg
Dimensions L x H x D	540 x 530 x 270 mm	
Propeller diameter	420 mm	
Run time	20 min at full speed / 1h30 min at 60%	45 min at full speed / 3h30 min at 60%
Engine	600 W - variable speed drive – IP66	
Power supply	Self-contained: NiMH battery On mains: single-phase 110V - 50/60 Hz or 220V - 50/60 Hz	
Electrical safety	Meets EN 50178 for user safety (leakage current less than 3.5 mA)	
Power consumption in steady operation	8A when plugged into 110V 4A when plugged into 220V	
Electric power plug	CE-220V male plug or US-110V male plug	
Charging time	100% in 4h	100% in 7 h 20 min
Ingress protection	IP66	
Drop test	Designed to resist to a drop test of 2m	
Noise level	76.8 dB at 3m	
Ventilation type	PPV , combined PPV and Extraction	
Application	- PPV mode on single door houses, small apartment blocks - as a relay fan in upper floors - in attack mode in front of an apartment door	

* When used on battery, airflow of BATFAN 20 (only) is reduced by 8% (25 700 m³/h open air / 16 200 m³/h AMCA)

Optional accessories

50m electric extension in bag with lockable EU plugs - cable 3x2.5 mm ²	163.00.030
5m blowing/extraction duct	163.20.025
«Rehab» misting adaptor with ¾" BSP F inlet	160.20.164
High expansion foam adapter with 1.5" BSP M premiss inlet. Delivered with 35m of polyane plastic film duct	160.20.105

Reduced cost of ownership:

Very light maintenance due to the robust design and materials used.

BATFAN: 2 year warranty

Battery: 1 year warranty