



**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](http://www.leader-group.eu)  
Freely downloadable interactive ventilation courses at [www.leader-educexpert.com](http://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



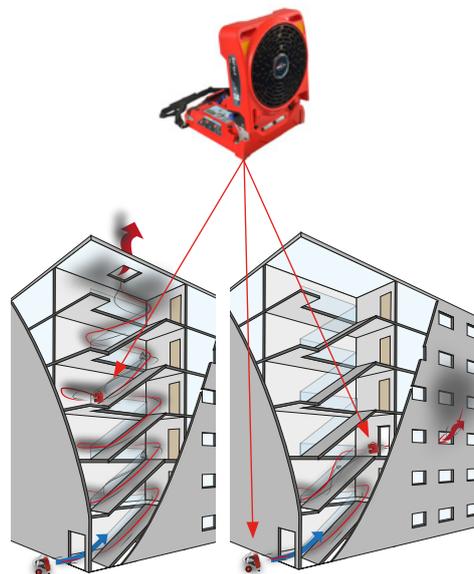
## Multi-application, can be used:

- ▶ 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
<b>References 110V</b>	163.12.012	163.12.013
<b>References 220V</b>	163.12.010	163.12.011
<b>Open air flow</b>	28 050 m <sup>3</sup> /h *	
<b>PPV air flow according to AMCA (220v)</b>	17 700 m <sup>3</sup> /h *	
<b>Weight</b>	23.5 Kg	26.5 Kg
<b>Dimensions L x H x D</b>	540 x 530 x 270 mm	
<b>Propeller diameter</b>	420 mm	
<b>Run time</b>	20 min at full speed / 1h30 min at 60%	45 min at full speed / 3h30 min at 60%
<b>Engine</b>	600 W - variable speed drive – IP66	
<b>Power supply</b>	Self-contained: NiMH battery On mains: single-phase 110V - 50/60 Hz or 220V - 50/60 Hz	
<b>Electrical safety</b>	Meets EN 50178 for user safety (leakage current less than 3.5 mA)	
<b>Power consumption in steady operation</b>	8A when plugged into 110V 4A when plugged into 220V	
<b>Electric power plug</b>	CE-220V male plug or US-110V male plug	
<b>Charging time</b>	100% in 4h	100% in 7 h 20 min
<b>Ingress protection</b>	IP66	
<b>Drop test</b>	Designed to resist to a drop test of 2m	
<b>Noise level</b>	76.8 dB at 3m	
<b>Ventilation type</b>	PPV , combined PPV and Extraction	
<b>Application</b>	- 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 m<sup>3</sup>/h open air / 16 200 m<sup>3</sup>/h AMCA)

## Optional accessories

50m electric extension in bag with lockable EU plugs - cable 3x2.5 mm <sup>2</sup>	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