

entiffic AIR: the true selfpowered vehicle heater

Contact:

+45 56 56 66 05

mail@entiffic.com

entiffic.com

Reliable in any deployment under any condition.

Entiffic AIR is one of the worlds first selfpowered vehicle heaters in its size. The heater is both self-sustained with electric power and charges the connected battery, only minutes after startup. Entiffic AIR keeps cabins warm while providing energy to extend battery power.

Just a few minutes after startup, Entiffic AIR starts to recharge the connected battery, and after approx. 15-20 min of runtime, depending on the ambient temperature, the battery has been fully compensated with the energy consumed during startup. Any additional runtime result in a net charge of the battery. The heater stops charging once battery is fully charged, provided that no other battery parasitics are connected.

The external thermostat ensures a tempered cabin without draining the connected battery. The unit can even be remotely operated. The unique Entiffic technology provides reliable support and extended runtime during vital deployments.

- Mission and range extension
- Low noise and compact design
- Charges batteries during operation
- Remote controlled (optional)
- Wide temp range: -40° - +55° C

**Dimensions:**

W 153 mm x L 390 mm x H 182 mm

Weight:

4.6 kg



Vehicles:

Entiffic AIR is particularly suited for installation in vehicles operating in demanding climate conditions, where users need heat and uncompromised vehicle batteries. Entiffic AIR supports both longer missions and longer silent deployments as vehicle batteries are no longer drained from running the heater. Additional collateral benefits as lower thermal image, due to reduced engine idle time and lower fuel consumption are also to be considered.

Emergencies:

Entiffic AIR ensures heat as long as fuel is available, aiding in any emergency situation like natural disasters, power outs etc. The surplus power from entiffic AIR can support vital means of communications, lights or similar crucial tools for the user.

OFF GRID Missions:

Entiffic AIR is even ideal in a portable solution. Installed in a small portable case, with a battery and a fuel tank, the user has a 2 kW heatsource and an electrical power generator to support on deployments where flexibility and low weight are key factors. A solution with fuel for 20 hours of continuous heat weighs approx. 15 kg.

The unique selfpowered feature of the Entiffic products enables users to be more efficient and secure during deployments and even aids cost optimization due to low product maintenance and longer battery changing intervals.

Specifications:

Max heat output:	2,0 kW forced air heat
Voltage:	12V DC or 24V DC
Start up:	70W for 1 min, 8W for following 2 min
Operation – after 3 min.:	Selfpowered
– after 4 min.:	Up to 10W output to charge connected battery
Dimensions:	W 153 mm x L 390 mm x H 182 mm
Weight:	4.6 kg
Fueltypes:	
-20°C and higher:	Diesel
-20°C or lower:	Petroleum
Adjustable thermostat:	Included
Remote on/off:	By means of GSM-modem (optional)



Contact:

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mail@entiffic.com

Entiffic ApS
Østre Alle 6
9530 Støvring
Denmark

entiffic.com

