

# EFOY Fuel Cartridges

EFOY direct methanol fuel cells from SFC are operated using methanol. The methanol is stored in EFOY Fuel Cartridges that have been designed especially for this purpose. Depending on requirements, EFOY Fuel Cartridges are available in 5, 10, 28 and 60 litre capacities. High-purity methanol is needed to reliably operate the EFOY Fuel Cells. To ensure compliance with the strictest safety standards, each filling operation is supervised by SFC Quality Management. Only when original EFOY Fuel Cartridges are used, can the maximum operating life of the fuel cell be guaranteed.

According to the CLP Regulation, methanol is categorised as a poisonous and easily flammable substance. You can find more information in the safety data sheets in the download area of our website [efoy-pro.com/downloads-en](http://efoy-pro.com/downloads-en)



The EFOY Fuel Cartridge	M5	M10	M28 <sup>1</sup>	MT60
Contents	5 litres	10 litres	28 litres	60 litres
Weight	4.3 kg	8.4 kg	23.4 kg	55 kg
Nominal capacity	5.6 kWh	11.1 kWh	31.1 kWh	66.7 kWh
Size (L x W x H)	190 x 145 x 283 mm	230 x 193 x 318 mm	370 x 285 x 395 mm	340 x 390 x 670 mm
Autonomy @ 50 W	111 hours	222 hours	622 hours	1,333 hours

<sup>1</sup> M28 adapter required



## High energy density

The high energy density of methanol provides a lot of energy in a very small space with EFOY Fuel Cartridges. 10 litres of methanol has a capacity of 11.1 kWh of energy and weighs just 8.4 kg. To deliver the same quantity of energy, around 280 kg of lead-gel batteries would be needed. As a result, the autonomy of your off-grid application can be increased many times.

## Safety-tested

EFOY Fuel Cartridges have been designed to meet the strictest safety standards and have received UN approval for transportation by sea, road and air. Their design ensures that the user is never at risk of coming into contact with their contents.

## Global fuel cartridge logistics

SFC has established a global logistics network for the sale of EFOY Fuel Cartridges. EFOY Fuel Cartridges are available from SFC retailers worldwide. EFOY Fuel Cartridges can also be transported on pallets via road, sea and air.

***Authorised, valued-added distributor***

Australia & New Zealand



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