PRODUCT SHEET

STALICO® Solar Fuel Cell Generator

Sun, battery and methanol fuel cell — low-emission



Three folding solar panels — 990 Wp

The STALICO® Solar Fuel Cell Generator combines three folding solar panels (990 Wp), a battery pack and a methanol fuel cell in one compact unit. No combustion engine, so virtually silent (~50 dB at 1 m) and free of vibration or soot. The fuel cell tops up the battery when the sun falls short — fully automatic and monitored remotely.

BENEFITS

- Virtually silent — ~50 dB(A) at 1 m
- No combustion engine, no soot
- Remote monitoring of fuel level
- Automatic remote start/stop
- Stackable · 22 per truck

TECHNICAL SPECIFICATIONS

	SMALL	LARGE
Solar panels	990 Wp (3 × 330 Wp)	
Battery capacity	4.8 kWh · Lead-Carbon	
Fuel cell	EFOY 2800	EFOY 12000
Rated power	0.125 kW	0.5 kW
Peak power (cell + battery)	0.7 kW	0.7 kW
Output	230 V · 50 Hz	
Fuel	Methanol · 0.9 l/kWh	
Tank capacity	2 × 28 l	
Charge time solar / cell	4.8 h / 38.4 h	4.8 h / 9.6 h
Grid charging	Max. 0.4 kW	
Noise level	~ 50 dB(A) at 1 m	
Weight	650 kg	725 kg
Dimensions	120 × 120 × 216 cm	

APPLICATIONS

- Noise-sensitive locations
- Camera & light masts
- Residential areas & city centres
- Off-grid projects

IDEAL FOR locations where silence matters — residential areas, night work and prolonged camera surveillance. No engine, so barely audible, and you monitor the fuel level remotely.