

TRAILER-WATT®

Solar trailer 18 modules from
5.4 to 6.5 kWp



Trailer-Watt®

Mobile,
autonomous
and fast
deployable
solar energy
solution

Trailer-Watt® :

Mobile solution for electrification of isolated areas

Technical specifications of the 18 S solar trailer, adapted for light and commercial vehicle - frame with suspension and self-braking. Coupling via ball coupling head.

Autonomous system with integrated batteries

Dimensions (transport conditions)		
Maximum length (mm)	Maximum width (mm)	Maximum height (mm)
5000	2200	2000
Electrical specifications		
Photovoltaic system		
PV module technology	Crystalline with glass or semi-rigid polycarbonate encapsulated	
Number of modules	18, deployable manual (hydraulic pump) or electric	
Power of the modules	300 to 360Wp 280Wp for flexible modules	
Total Power	5.4 to 6.5 kWp - single-phase current 5.6 KVa	
Battery system		
Technology	Lithium-FePo, high stability with 3000 charge/discharge cycles at 90% DOD Alternatively lead gel batteries, about 1500 cycles with 50% DOD Installation in a refrigerated box for hot countries (optional)	
Nominal storage capacity	11 kWh Lithium-FePo – 10kwh lead gel	
Useful storage capacity	10 kWh for Lithium - 5kwh for lead gel	
Interfacing external power sources	- Possibility of connecting to an external diesel generator - Possibility of connection to the grid for use of the trailer for self-consumption Option: back-up generator integrated in the trailer for battery load in case of exceptional needs	

+33.3.89.820.820

www.ecosuninnovations.com

contact@ecosuninnovations.com