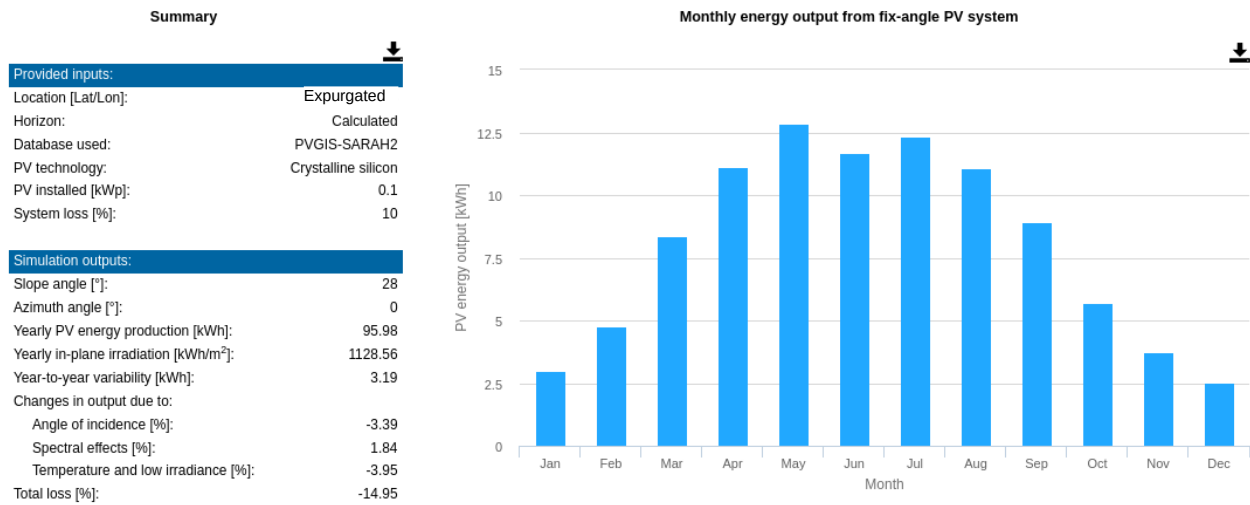


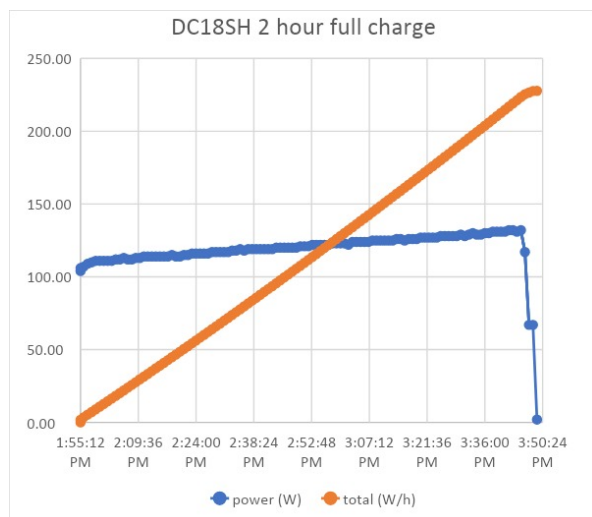
## PV System Calculations

100W peak panel is modest - but here are the calculations



Source: [jrc.ec.europa.eu/pvg\\_tools](http://jrc.ec.europa.eu/pvg_tools)

Demand:



Source: measurements August 2023

Let's assume harvest 60% of available energy - 4.2 kWh in September\*

Conversion / battery storage losses 10% included above

18 charges / month

\* Large Solar battery, storing 3.6 kWh will improve the efficiency

Probably we will: add another 100 Watt peak solar panel