



N:AUTONOMY (DAYS)

0.5

12h

BATTERIE CHOISIE AU NIVEAU DU FOURNISSEUR -->

Daily energy increased b

86312.5

NUMBER OF BATTERIES

1

# SIZING OF BATTERY PARKS

SYSTEM VOLTAGE (V)
<b>48</b>

DOD
<b>80.00%</b>

BATTERY VOLTAGE (V)
<b>48</b>

UNIT BATTERY CAPACITY (Ah)
<b>200</b>

Energy 25% (Wh)

NECESSARY BATTERIES
<b>112</b>



NUMBER OF BATTERIES IN SERIES

NUMBER OF BATTERIES IN PARALLEL

TOTAL NUMBER OF BATTERIES
<b>5</b>

CAPACITY OF SELECTED BATTERY BANK
<b>1000</b>

NEEDS COVERED
<b>88.98%</b>

[Empty box]

[Empty box]

DAILY IRRADIATION  
(kWh/m<sup>2</sup>)  
6

BATTERY CAPACITY (AH)  
3.86



Number of sc  
2

BATTERY SETS  
5

# PV FIELD SIZING

SYSTEM PERFORMANCE  
80.00%

CHARGING TIME (HOURS)  
6



Power of the PV field to be installed (Wp)  
14385.41667

olar modules  
20

Power PV



UNIT POWER OF PV (W)

710

fields selected (Wp)

14385