

Translations: Dimensionner une installation photovoltaïque autonome/152/en

1. When sizing on the mean 1kWh interval : 1kWc produces on average 1kWh in 1,35d, so 0,74kWh scaled to a 1 day interval, so a sized production of $10\text{kWh}/0,74=13,5\text{kWc}$ When sizing on the mean 2kWh interval : 1kWc produces on average 2kWh in 1,8d, so 1,11kWh scaled to a 1 day interval, so a sized production of $10\text{kWh}/1,11=9\text{kWc}$ When sizing on the mean 3kWh interval : 1kWc produces on average 3kWh in 2,26d, so 1,33kWh scaled to a 1 day interval, so a sized production of $10\text{kWh}/1,33=7,5\text{kWc}$