SOLAR CINEMA
TECHNICAL DETAILS AUDIOVISUAL EQUIPMENT

Based on the Solar Cinema in The Netherlands (featured in the tutorial video).

As explained in our video every Solar Cinema is custom made and it all depends on your specific wishes, budget and equipment. Do always get in touch with a certified electrical engineer that can help you design and develop your solar system.

Audiovisual equipment
We use the following Audiovisual equipment and added it's power consumption

1) Blower for Airscreen - Makita - 600 watts per hour - usage: 20 minutes max.
2) Sanyo PLC WM5500L 5500 Ansilumen projector - 350 watts per hour
3) Soundsystem 2x 400watt JBL stereo speaker - 170 watts per hour per speaker
4) Blu Ray player with stereo sound out - LG BP420 - 50 watts per hour
5) Mackie 802VLZ4 - 13 watts per hour
6) Microphones - 15 watts per hour
7) Miscellaneous (computer / extra equipment) +/- 150 watt per hour (or on battery)

Total usage at the same time plugged into the system: 1518* watt
- Please note: the blower for the airscreen is used at the start of the screening for only 20 min.

Example calculation of power consumption per screening (2,5 hrs):

Effective usage of all Audiovisual equipment: 818 watt per hour + 200 watts for the blower
> per screening of 2,5 hours = 2045 watt + 200 watts for the blower

So for each screening the average power consumption is about 2045 watts.