SAFARI-SYSTEMS

SAFARI PICO

SAFARI NANO

SAFARI RENT

POWER CONSUMPTION COMPARISON

Made in Germany

Safari-Comparison_EN_V1.ppp

SAFARI-SYSTEMS

POWER CONSUMPTION COMPARISON

Consumer Type	Power Average	Voltage DC / AC	SAFARI-RENT 2800Wh	SAFARI-NANO 400Wh	SAFARI-PICO 240Wh
LED-Bulb	10W	DC12V / AC 220V	280 hrs	40 hrs	24 hrs
LED-Bulb	20W	DC12V / AC 220V	140 hrs	20 hrs	12 hrs
LED-Bulb	50W	DC12V / AC 220V	56 hrs	8 hrs	4,5 hrs
Filament-lamp	50W	AC 220V	56 hrs	8 hrs	**Not possible**
Filament-lamp	75W	AC 220V	37 hrs	5,3 hrs	**Not possible**
Filament-lamp	100W	AC 220V	28 hrs	4 hrs	**Not possible**
Fan	50W	AC 220V	56 hrs	8 hrs	**Not possible**
Fan-Camping	10W	DC12V	280 hrs	40 hrs	24 hrs
Computer	300W	AC 220V	9,3 hrs	1,3 hrs	**Not possible**
Notebook	50 W	DC12V	56 hrs	8 hrs	4,5 hrs
Phone	10W	DC12V	280 hrs	40 hrs	24 hrs
Microwave	700W	AC 220V	4 hrs	**Banned**	**Not possible**
Stereo-Device	250W	AC 220V	11 hrs	**Banned**	**Not possible**
Stereo-Camping	50W	DC12V	56 hrs	8 hrs	4,5 hrs
Radio-Camping	15W	DC12V	186 hrs	26 hrs	16 hrs
Refrigerator	100W	AC 220V	28 hrs	4 hrs	**Not possible**
Refrigerator-Camping	15W	DC12V	186 hrs	26 hrs	16 hrs
Freezer	500W	AC 220V	5,6 hrs	**Banned**	**Not possible**
TV (Flat-Screen)	100W	AC 220V	28 hrs	4 hrs	**Not possible**
TV-Camping	25W	DC12V	112 hrs	16 hrs	9,6 hrs
Sewing Machine	85W	AC 220V	33 hrs	4,7 hrs	**Not possible**
Hairdryer	1500W	AC 220V	1,8 hrs	**Banned**	**Not possible**
Oven	4000W	AC 220V	**Banned**	**Banned**	**Not possible**
Aircondition	2500W	AC 220V	**Banned**	**Banned**	**Not possible**
Iron	1000W	AC 220V	2,8 hrs	**Banned**	**Not possible**

Legend / explanation:

1. Runtime-Calulation with full charged Battery and and will be reloaded by Solar every day.
2. Banned means, that the connected load is too high for thos device.
3. Not possible means, that the Device has no socket for this power-supply.

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