



Solar Power Planner

ITEM	VOLT	X	AMP	=	WATTS	X	USAGE PER DAY (HRS)	=	WATTS USED / DAY
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	
		X		=		X		=	

Daily Power Consumption (Watts)	=	A
--	----------	----------

Solar Input	<u>Watts per panel</u>	X	<u># of Panels</u>	=	<u>Total Watts</u>	X	<u>Solar Hours</u>	=	<u>Watts Per Day</u>
		X		=		X	3	=	

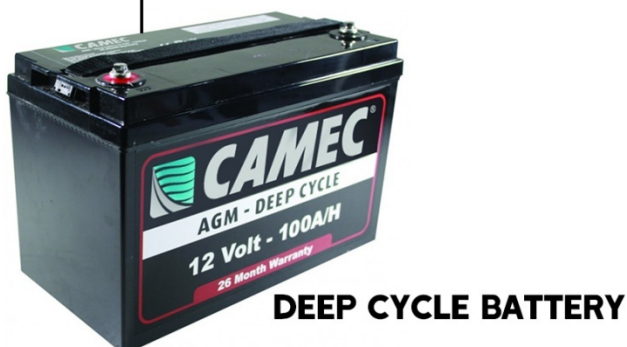
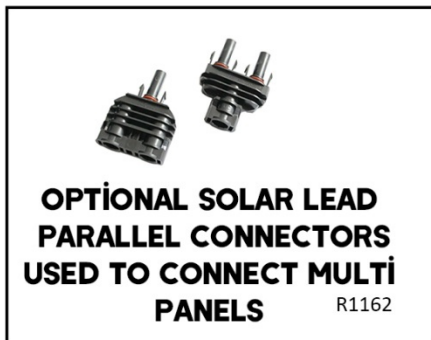
Equals	
Difference between (A) Watts used and (B) Solar Input per day	=

Battery Power	<u>Volt</u>	X	<u>Amp</u>	=	<u>Watts</u>	X	<u>Batteries</u>	=	<u>Total Watts</u>	X	<u>Max discharge</u>	<u>Watts Available</u>
		X		=		X		=		X	40%	

Number of days using Solar and Battery	=	E
---	----------	----------

- B** Multiply the Solar Panel wattage by 3 to give an estimated average daily solar power input. Summer output will be higher than winter, but this is a guideline for year-round use.
- C** Subtract the daily solar input (B) from daily power consumption (A). If greater than 0 you are using more power than your solar is supplying. This means that your battery will need to supply the remaining power.
- E** If (C) is greater than zero, this means you are using more power than you are gaining from solar. Divide battery watts available (D) by (C) to determine the number of days your battery should last. This is based on not running battery below 60% of capacity.

SOLAR FROM TOP TO BOTTOM



THIS IS A GUIDE TO HELP YOU WITH A SOLAR SET UP

THE ITEMS YOU WILL REQUIRE ARE DEPENDANT ON YOUR POWER CONSUMPTION



RV WORLD