

<b>Battery Charging Times In Hours of Full Sun</b>			
Number of Solar Panels ( <i>rated amps</i> )	75 ah Battery	100 ah Battery	225 ah Battery Pack
1 x 32 Watt (1.94)	49	65	147
1 x 42 Watt (2.54)	38	50	114
1 x 50 Watt (3.00)	32	42	96
3 x 32 Watt (5.88)	16	22	50
3 x 42 Watt (7.62)	12	16	36
3 x 50 Watt (9.00)	11	14	33

**Note:** Charge times listed here take into account panel de-rating, temperature and solar input variance. Recharge times listed are 'real-life' predictions – charge-time could be less with ideal conditions

<b>Appliance run times</b> (in hours)			
Appliance	75 ah Battery	100 ah Battery	225 ah Battery
Fluorescent Light	41	55	123
20' Television	3.75	5	11.25
Portable Stereo	65	87	195
8" electric fan	41	55	123
Laptop + inkjet printer	24	32	72
Cell Phone	100	133	300

**Note:** Run times assume depth of discharge (80%), and an ambient temperature of 70 degrees Fahrenheit. Run times listed are 'real-life' predictions – times could be more or less.