

HAWKER's 10 Commandments of Good Battery Care for Solar Batteries

1. Add only distilled or deionized water – never add acid.
2. Keep electrolyte level above separator protectors.
3. Keep battery top clean and dry.
4. Keep flame and metal away from battery top.
5. Keep vent caps tightly in place.
6. Discharge to 80% only and do not operate battery if the specific gravity is below 1.150 for the POWERLINE™ Solar PV-1 battery.
7. Cool before charging or operating if the battery is above 115° F.
8. Use only approved charger of correct voltage and current output.
9. Ensure proper ventilation during charging.
10. When in doubt, call your HAWKER service representative for long, reliable battery life.

The POWERLINE™ Solar PV-1 battery works well for these applications:

- Water Pumping
- Refrigeration
- Residential Use
- Communications
- Wind Generation
- Road Repair Efforts



SOLAR PV-1 SPECIFICATIONS (6 CELL - 12 VOLT BATTERY)

Model	Rated A/H (6 hr)	Rated A/H (20 hr)	Usable A/H (20 hr)	Rated Watt/hrs (20 hr)	Usable Watt/hrs (20 hr)	Usable kWh (20 Hr Rate)			Minimum Charging System	Maximum Charging System	Dimensions Per 12V Battery (Inches)
						12V	24V	48V			
6-85F-13S	510	632	506	7,589	6,071	6.07	12.14	24.28	51 amps	102 amps	31.00 x 7.75 x 25
6-85F-15S	595	738	590	8,854	7,083	7.08	14.16	28.32	60 amps	120 amps	35.75 x 6.94 x 25
6-85F-17S	680	843	675	10,118	8,095	8.10	16.20	32.40	68 amps	136 amps	38.25 x 6.94 x 25
6-85F-19S	765	949	759	11,383	9,107	9.11	18.22	36.44	77 amps	154 amps	38.25 x 7.69 x 25
6-85F-21S	850	1054	843	12,648	10,118	10.12	20.24	40.48	85 amps	170 amps	38.25 x 8.44 x 25
6-85F-23S	935	1159	928	13,913	11,130	11.13	22.26	44.52	94 amps	184 amps	38.25 x 9.19 x 25
6-85F-25S	1020	1265	1012	15,178	12,142	12.14	24.28	48.56	102 amps	204 amps	38.25 x 9.94 x 25
6-85F-27S	1105	1370	1096	16,442	13,154	13.16	26.32	52.64	111 amps	222 amps	38.25 x 10.19 x 25
6-85F-29S	1190	1476	1180	17,707	14,166	14.17	28.34	56.68	119 amps	238 amps	38.25 x 11.44 x 25
6-85F-31S	1275	1581	1265	18,972	15,178	15.18	30.36	60.72	128 amps	255 amps	38.25 x 12.19 x 25
6-85F-33S	1360	1690	1352	20,280	16,224	16.22	32.44	64.88	136 amps	272 amps	38.25 x 12.94 x 25

NOTE: For other available battery sizes, contact your authorized HAWKER representative.

To learn more about the POWERLINE™ Solar PV-1, contact your authorized HAWKER representative.