







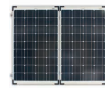



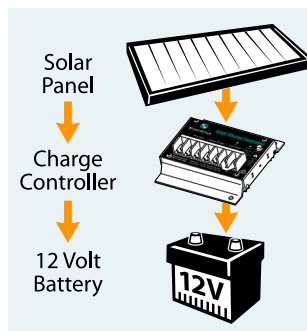


FIXED SOLAR PANEL SPECIFICATIONS									FOLDING SOLAR KIT SPECIFICATIONS		
											
Part Number (Type)	SP-EN10W	SP-EN20W	SP-EN40W	SP-EN55W	SP-EN80W	SP-EN120W-S	SP-EN150W	SP-EN200W	SPF-EN120W	SPF-EN160W	
Max Power Pm(W)	10	20	40	55	80	120	150	200	120	160	
Power Tolerance %	±3%	±3%	0% - 3%	±3%	-1% ~ +3%	-1% ~ +3%	±3%	-1% ~ +3%	± 3%	-1% ~ +3%	
Max Power Voltage Vm(V)	16.6	17.6	35.5	18	17.99	17.7	18.8	37.26	18	18	
Max Power Current Im(A)	0.613	1.13	1.13	3.05	4.45	6.78	8.01	5.37	6.67	8.9	
Open Circuit Voltage Voc(V)	22.3	22.03	43.1	22.29	22.19	22.5	24.0	43.7	22.5	22	
Short Circuit Current Isc(A)	0.786	1.5	1.85	3.73	4.85	7.45	8.62	6.17	6.88	9.36	
Max System Voltage (VDC)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
Dimensions (mm) Fixed	320 x 279 x 30	350 x 541 x 30	567 X 670 X 35	840 x 541 x 35	780 x 660 x 35	1578 x 541 x 35	1482 x 660 x 35	1580 X 800 X 40	N/A		
Dimensions (mm) Folded	N/A									545(w) x 570(h) x 85(d)	670(w) x 780(h) x 75(d)
Dimensions (mm) Open	N/A									1100 (w) x 570(h) x 40(d)	1350(w) x 780(h) x 35(d)
Weight (kg)	1	3	4.6	5	7.9	10.2	12	15.3	11.4	15.5	
On an average day, you can expect approximately the following amperage into your battery:									SPF-EN120W	SPF-EN160W	
Average daily sun hours									5.5hrs	5.5hrs	
Average daily current to battery									Approx 35 amp hours	Approx 50+ amp hours	
Anticipated run time for a typical 50 Litre portable camp fridge (assuming 50% depth of discharge to your 100 amp hour battery)									Up to 3 days	3 days +	
Test Conditions	1000W/m2 ,AM1.5,25°C										

SOLAR CHARGE CONTROLLER SPECIFICATIONS		
		
Model	EN41010	EN41020
Battery voltage	12 Vdc	12 Vdc
Max. PV panel open circuit voltage	26 Vdc	26 Vdc
Maximum charge current	10A	20A
Maximum load current	10A	20A
Maximum load current	20A for 1 minute	40A for 1 minute
Operational Current (no load & no PV)	<10mA	<15mA
Regulated battery charging voltage		
Flooded Battery	14.6 Vdc	14.6 Vdc
Sealed Battery	14.2 Vdc	14.2 Vdc
Voltage across terminal (PV to Battery)	<0.15 Vdc	<0.15 Vdc
Voltage across terminal (Battery to Load)	<0.10 Vdc	<0.10 Vdc
PV Reverse Polarity Protection	Yes	Yes
Battery Overcharge Protection		
Flooded Battery	14.6 Vdc	14.6 Vdc
Sealed Battery	14.2 Vdc	14.2 Vdc
Load Over Discharge Protection	<11.5 Vdc	<11.5 Vdc
Load Reconnected Voltage	12.6 Vdc	12.6 Vdc
Battery Chargers Stages	2 Stage, Bulk, Float	2 Stage, Bulk, Float
Recommended Wire Size	#12 AWG	#10 AWG
Operating temperature	- 40° C to 60° C	- 40° C to 60° C

SOLAR CHARGE CONTROLLER SPECIFICATIONS (cont.)		
Model	EN41010	EN41020
Dimensions (mm) (L x W x H)	105 x 105 x 34	
Weight	0.3	



Some Basic Tips

- ▶ Keep your panel in direct sunlight as much as possible
- ▶ Secure your Folding Solar Kit from theft around your work or campsite
- ▶ Protect and store your portable folding kit in the most secure place you can to prevent accidental breakage



All Enerdrive products mentioned in this brochure are backed by our locally serviced 2 year warranty with the addition of our 3 year pro-rata warranty.

Dealer: