



Product Specifications Model Economy Line

AC Section (Inverter)	
AC Output Voltage (nominal):	120 V AC
DC input voltage range:	10.4-14.4 V DC
Maximum AC output Power:	800 W
Maximum AC output surge Power:	1600 W
AC output frequency:	60 ± 1 Hz
AC output waveform:	Modified Sine Wave
No load current draw (at 12.6 V input):	<0.5 A
Efficiency (maximum):	90%
Ambient operating temperature range	32-104°F 0-40°C

General Specifications	
Economy Line (LxWxH)	28 x 14 x 11"
Economy Line Weight	45 lbs.
Warranty	2Year Warrenty. All other components' Warranties Apply.
Operating temperature range	32-104°F 0-40°C
Solar Panel dimensions (L x W x H)	115.1 x 11.5 x .1"
Solar Panel dimensions Weight (x 1)	(4.5 lbs)

DC Section (Battery)	
20Amph AGM Battery	
12volt Rugged Drycell sealed design,	
20 amp hours,	
25 minute reserve capacity with 25amp load	
Deep discharge reserve power	
2 year storage life, 8-12 year design life	

Solar Controller MPPT	
System Voltage	12 Volts
Rated Battery Current	25 Amps
Max. P.V. Input Power**	50 Volts
Nominal Input Power	
12 Volt System 400 Watts	

Solar Panels (STC) (1000 W/m ² AM 1.5 25°C Cell Temperature)	
Type	SF1-75
Maximum Power (Pmax):	75 W
Voltage at Pmax (Vmpp):	30.1 V
Current at Pmax (Impp):	2.5 A
Open-Circuit Voltage (Voc):	42.1 V
Maximum Series Fuse Rating:	5 A

Packaging Specifications		
	Retail Package *	Box
Size (L x W x H)	29.25 x 13.75 x 12.25"	Each
Count	Complete	1 unit
Weight	(45 lbs.)	1 unit