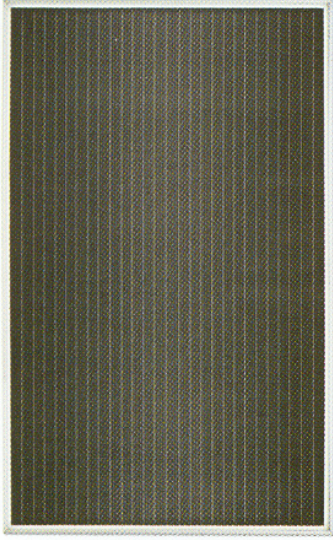


## CS – Solar Power Pac

<p><b>CS – Solar Home System</b></p> <p>The Solar Home Systems offered by Centennial Solar (<b>CS</b>) are of high performance, complete and easy to install. Incorporating years of experience and the latest solartechology, <b>CS</b> harnesses the power of the sun to provide reliable and cost effective electricity. These systems supply electricity for lighting, entertainment and information to homes that are not connected to grids or where it is quite erratic. The Solar home system is an excellent solution for household electrification in rural areas.</p> <p>A typical standalone solar photovoltaic home system comprises PV module for charging the battery, battery for storage, a charge controller for the safe charging and discharging of the battery, lighting luminary and provision for connecting other loads (radio, tape recorder, portable TV etc. depending upon the configuration) as well as a complete set of installation hardware.</p> <p>The Solar PV module and power pack rating are selectable as per the requirement. Easy-to-use user's manual for easy installation and trouble free usage is included in the supply.</p> <p><b>Features of CS Solar Charger:</b></p> <ul style="list-style-type: none"> <li>• Safe &amp; easy to install</li> <li>• Free from noise, smoke and pollution</li> <li>• Low maintenance</li> <li>• Available in different configurations</li> <li>• Elegant and efficient luminaries</li> <li>• Provisions for operating extra loads</li> <li>• Charge controller with advanced function for optimum charging of battery through solar panel</li> <li>• Adequate protections and indications</li> </ul>	<p style="text-align: center;"><b>Solar Panel</b></p>  <p style="text-align: center;"><b>Battery pack</b></p> 
<p><b>CS-XPower Solar Powerpac</b> is a highly portable, integrated and rechargeable system that combines an 300-watt inverter with 20 amp-hour AGM battery. The Solar Powerpac is safe for indoor or outdoor use to provide 115-volt AC household power to run a wide variety of electronic equipment and appliances rated at 100 watts or less when utility power is not available. The Solar Powerpac can run a portable stereo for 16 hours, a 5" TV for seven hours, or a laptop computer with ink jet printer for six hours. The Solar Powerpac can also jump-start a car, truck or boat and can operate a wide variety of DC-powered appliances. XPower Solar Powerpack include a built-in fluorescent emergency light.</p> <p><b>CS-XPower Solar Powerpac</b> is easy to carry and use, and requires no maintenance. It is the perfect plug-and-play solution for camping and traveling or can be used at a moment's notice in the even of a power failure. Recharge xPower using utility power from your wall outlet, from your vehicle as you drive, from a system equipped with a 12-volt battery-charging outlet, or from a solar panel.</p>	
<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Runs 115 Volts AC or 12V DC products anywhere</li> <li>• Built-in 300W inverter and sealed, non-spillable 20AH AGM battery</li> <li>• Battery level meter allows for easy battery status monitoring</li> <li>• Audible Alarm signals overheat and under voltage conditions</li> <li>• Overload and over temperature protection to ensure longer inverter life</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>• AC charger equipped with overcharge protection</li> <li>• Recharge from solar panel, AC or vehicle</li> <li>• Reverse polarity protection for jumpstart output</li> <li>• 1x32W Solar Charger</li> <li>• AC charger to recharge from a standard outlet</li> <li>• DC charging cable from vehicle charger</li> <li>• Accessories bag</li> </ul>	



Electrical Specifications of cS-XPower Pac 300			
<b>115 volt AC section</b>		<b>Charging System</b>	
AC output power (continuous)	100 watts	AC charger bulk charging current (max)	500 mA
AC output power (5 min)	300 watts	Peak charging voltage (nominal)	14.5 volts
AC surge power (max)	500 watts	Charge restart voltage (nominal)	12.9 volts
AC output voltage (nominal)	115 volts AC	Float charge current (nominal)	1 mA
AC output frequency	60 Hz +/- 4 Hz	Charger input socket current	2.5 amps
AC output waveform	Modified sine wave	<b>General Specifications</b>	
Inverter no-load current	0.2 amps	Operating/Storage temperature	32°F - 104°F (0°C - 40°C)
<b>12 volt DC section</b>		Inverter low battery alarm (nominal)	10.7 volts
Internal battery type	Sealed lead acid, AGM	Inverter low battery shutdown (nominal)	10.0 volts
Internal battery capacity	20 amp-hours	Dimensions (H x W x D)	11.8 x 5.1 x 12.5" (30.0 x 13 x 31.8 cm)
Internal battery voltage (nominal)	12 volts DC	Weight	18 lb (8.2 kg)
DC power socket (circuit breaker)	12 amps (automatic reset)	Warranty	6 months
<b>12V Solar Charger</b>			
Solar Panels Rating	12V, 32Wp	Solar Panel type	Thin Film
Solar Panel Size	102.5x60.5cm	Solar Panel Weight	6.2kg
<b>Note: Specifications subject to change without notice</b>			

Battery Operating Times			
115V AC Products	Typical Current	Typical Power	Operating Time
Chordless Telephone(Stand by)	44 mA	5 watts	40 hours
Clock Radio	70 mA	8 watts	20 hours
Portable Stereo	87 mA	10 watts	15 hours
Fluorescent Work Light	122 mA	14 watts	12 hours
Portable Color TV 5"	174 mA	20 watts	8 hours
Laptop Computer	220 mA	25 watts	6 hours
Table Lamp	350 mA	40 watts	3.5 hours
<b>12V DC Accessories</b>			
Cellular Telephone	0.5 amps	6 watts	36 hours
Built-in Emergency Light	0.7 amps	8 watts	25 hours
Potable Cooler	2.5 amps	30 watts	5 hours
Car vacuum	7 amps	85 watts	1.2 hours
Tire Inflator	8 amps	100 watts	1 hour
Spotlight	8 amps	100 watts	1 hour
<b>CAUTION:</b> Do not expose the X-Power batterypack to rain or moisture. The solar panel can be installed outdoor permanently on a support structure and connected to the batterypack installed indoors.			

**CONTACT**

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