


# IMARK

## PRODUCT DESCRIPTION

	<b>RPSE 130</b>
	<b>SOLAR POWER SUPPLY</b> <b>130 Watt DC Remote Area Solar Power System</b> <b>Imark Stock # <a href="#">821002</a></b>
	<ul style="list-style-type: none"> <li>▪ <b>Features:</b></li> <li>▪ Compact Size</li> <li>▪ Easy Installation</li> <li>▪ Designed to withstand Region C Wind loadings</li> <li>▪ 14RU Stainless Steel Equipment Cabinet</li> <li>▪ Sealed against Vermin &amp; Moisture ingress</li> <li>▪ Solar Regulator on 2RU tray included</li> <li>▪ 320Ahr Sealed Lead Acid Battery Bank included</li> <li>▪ 12 Volt Operation</li> <li>▪ 24 Volt or 48 Volt versions available</li> <li>▪ Lightning Protection</li> <li>▪ Radio Equipment (optional)</li> <li>▪ Duplexer (optional)</li> <li>▪ 8 Metre Mast available (as an option)</li> <li>▪ Antenna &amp; Feeder Cables (optional)</li> <li>▪ Footer Construction drawing included</li> <li>▪ 25Mpa Concrete &amp; Reinforcing NOT included</li> </ul>

<b>DESCRIPTION:</b>
<p>The Imark RPSE 130 Watt Remote Power System Enclosure is supplied as a complete operational Solar Power System ready for installation at remote sites. It is ideal to power remote radio equipment. The system includes 2 x UniSolar US64 Solar panels, a Plasmatronics PL60 Negative Ground solar regulator, and 3 x Battery Energy 4SG320 batteries to provide 320Ahr battery capacity at 12Vdc. Also included is a PolyPhaser IS12VDC30AFG floating ground lightning protector for the Solar Panel inputs, and all necessary installation hardware. The Solar panels are mounted above the equipment cabinet to provide passive cooling. The cabinet is sealed and all cabling is enclosed within flexible conduits to prevent the ingress of dust, moisture, and vermin. The frame is designed to withstand Region C wind loadings and is therefore suitable for installation in almost all areas of Australia.</p>

<b>SPECIFICATIONS:</b>	
<b>FRAME</b>	
Frame Size & Construction	50x50x3 mm and 65x65x5mm RHS Welded and Hot Dip galvanised
Solar Panel Mounting Purlins	50x50x6 mm Angle Iron Hot Dip galvanised
<b>ENCLOSURE</b>	
Construction	Welded Stainless Steel with removable rear panel, Lockable hinged front door, removable cable access panel, & 19" mounting rails front and rear.
Cabinet Size	14RU, 700(H) x 580(W) x 590(D) mm
<b>BATTERY</b>	
Type and Capacity	Battery Energy 4SG320 Sealed Lead Acid, 3 sets 4Vdc 320Ahr each
<b>SOLAR REGULATOR</b>	
Make & Model	Plasmatronics PL60NG on 2RU Tray 60A Solar Input, 30A Load Output
<b>MECHANICAL &amp; PHYSICAL</b>	
Operational Temperature	-0°C to +40°C
Overall Installed Unit Dimensions	1500(W) x 1350(D) x 1400(H) mm (excluding mast)
Inclusions	All Hardware inc. 4 x M12 Chemset Anchors and Assembly Drawings
Imark Stock #	821002
Options	24Vdc version, 48Vdc version available on special order