

REMOTE SOLAR STATION – RSS01



Introduction

The QTech RSS01 is a versatile solar powered housing suitable for enclosing a variety of QTech wireless products. The RSS01 includes the solar controller, solar panel and brackets, battery and antenna.

The environmentally protected (UV) enclosure is designed for use in urban and rural locations that lack access to mains power systems.

The solar panel and battery capacity have been selected and optimised to provide (typically) 10 days of standby operation over the radio networks on which QTech wireless products operate.

Approximately 8 hours of sunlight is required to fully recharge a depleted battery.

For more information please contact our sales team.

Item	Parameter	Specification
General	Dimensions	Case: W 252 x H 162 x D 120 mm
	Weight	4.7kg
Enclosure	Material	Case: Polycarbonate, UV stabilised for outdoor use Mounting Plate: 2mm thick Stainless Steel Qty 4x 6mm mounting holes on 100 x 250 mm centres
	Temperature	Operating: 0 - 70 degrees C Storage: 0 - 70 degrees C
Environmental	Humidity	0 - 90% non-condensing
	Ingress Protection	IP67
Electrical	Power	Internal Sealed Lead Acid battery 12V 7 A/Hr
	Cable Entry	Qty 3x IP68 glands for Antenna, Data, Solar Panel (Ø 3 - 6.5mm)
Solar Panel	Dimensions	W 345 x H 150 x D 25 mm
	Power	30W, 12V, 1.7A
	Mounting	Supplied with universal pole mounting hardware
Equipment Options	Internal Mounting	Plinth sized to suit a range of QTech wireless products:
		Digital Wireless Point to Point System (PD8810-WP2P)
		Wireless Point to Point Repeater (PD8811)
Ordering Details	Product Code:	SMS-Lite (PD8640)
		PD5801 Supplied with whip antenna as standard. Other antenna options available.

QTech Data Systems
12 Midas Place Middleton
Christchurch 8024

Phone +64 3 366 3713
www.qtech.co.nz
sales@qtech.co.nz

