

REMOTE SOLAR STATION – RSS02



Introduction

The QTech RSS02 is a versatile solar powered housing suitable for enclosing a variety of QTech wireless products. The RSS02 includes the solar controller, solar panel and brackets, and battery.

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 ISM band (900 MHz) short range radio network on which QTech wireless products operate.

Approximately 30 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 370 x H 300 x D 175 mm
	Weight	15kg
Enclosure	Material	Case: Polycarbonate, UV stabilised for outdoor use Qty 4 x 6mm mounting holes on 280 x 350 mm centre
Environmental	Temperature	Operating: 0 - 70 degrees C Storage: 0 - 70 degrees C
	Humidity	0 - 90% non-condensing
	Ingress Protection	IP67
Electrical	Power	Internal Sealed Lead Acid battery 12V 33 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: Q48 Point to Point System (PD8630-P2P) Q48 Multi Point Controller (PD8620) Q48 SMS Controller - 4G (PD8611)
Ordering Details	Product Code:	PD5802

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