

REMOTE SOLAR STATION – RSS02



Introduction

The QTech Remote Solar Station is a versatile, environmentally protected (UV), solar powered housing suitable for enclosing a variety of QTech wireless products. The 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 and support 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 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	3 x (3 x 6.5mm) SS IP68 glands to fit: Antenna, Data, Solar Panel
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 hold QTech range of wireless products: Q48 Point to Point Pair System (PD8630-P2P) Q48 Multi Point Controller (PD8620) Q48 SMS Controller - Quad Band (PD8611)
Ordering Details	Product Code:	RSS02

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