


# Power Station 5

## Datasheet



SYSTEM INFORMATION							
Processor Specs				Atheros AR2313 SOC, MIPS 4KC, 180MHz			
Memory Information				16MB SDRAM, 4MB Flash			
Networking Interface				10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface			
REGULATORY / COMPLIANCE INFORMATION							
Wireless Modular Approvals				FCC Part 15.247, IC RS210, CE			
RoHS Compliance				YES			
RADIO OPERATING FREQUENCY 5.475-5.825GHz							
TX SPECIFICATIONS				RX SPECIFICATIONS			
	DataRate	Avg. Power	Tolerance		DataRate	Sensitivity	Tolerance
802.11a OFDM	6Mbps	26 dBm	+/-1.5dB	802.11a OFDM	6Mbps	-94 dBm	+/-1.5dB
	9Mbps	26 dBm	+/-1.5dB		9Mbps	-93 dBm	+/-1.5dB
	12Mbps	26 dBm	+/-1.5dB		12Mbps	-91 dBm	+/-1.5dB
	18Mbps	26 dBm	+/-1.5dB		18Mbps	-90 dBm	+/-1.5dB
	24Mbps	26 dBm	+/-1.5dB		24Mbps	-86 dBm	+/-1.5dB
	36Mbps	24 dBm	+/-1.5dB		36Mbps	-83 dBm	+/-1.5dB
	48Mbps	23 dBm	+/-1.5dB		48Mbps	-77 dBm	+/-1.5dB
	54Mbps	21 dBm	+/-1.5dB		54Mbps	-74 dBm	+/-1.5dB
ADJUSTABLE CHANNEL SIZE SUPPORT							
5MHz		10MHz		20MHz		40MHz*	
RANGE PERFORMANCE							
Outdoor (BaseStation Antenna Dependent):				Over 50km			
PHYSICAL / ELECTRICAL / ENVIRONMENTAL							
Enclosure Size				18 in. length x 13 in. height x 2in. Width			
Weight				6.7 lbs			
Enclosure Characteristics				Outdoor UV Stabalized Plastic (Antenna) and die cast metal (system)			
Mounting Kit				Pole Mounting Kit included			
Max Power Consumption				6.5 Watts			
Power Supply				12V, 1A (12 Watts). Supply and injector included			
Power Method				Passive Power over Ethernet (pairs 4,5+; 7,8 return)			
Operating Temperature				-40C to 85C (System PCB optimized for hi-temp)			
Operating Humidity				5 to 95% Condensing			
Shock and Vibration				ETSI300-019-1.4			
SOFTWARE (www.ubnt.com/airos)							
							

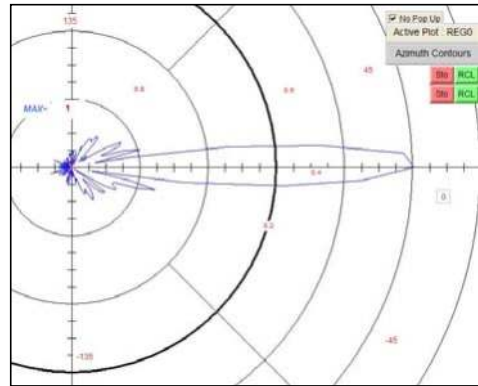
# MODEL NUMBERS



## PS5-22V

Integrated 22dBi Vertical Polarity Panel Antenna

Antenna	
Gain	22dBi (5400-5900MHz)
Polarization	Vertical
Front to Back Ratio	30dB+
3dB Beamwidth	6 Degrees
Survival Wind	185km/hr
VSWR	1.4:1
Impedance	50 ohm
Front to Back Ratio	30dB+



## PS5-EXT

(2) N-Type External Connectors for External Sector/Omni/Dish Applications