



AB-4420

Pedestrian Activated Remote Power Supply and RF Transmitter



SELF-CONTAINED 20 WATT SOLAR ENGINE



Solar Panel
Solar Cell - Monocrystalline Silicon
Rated Power (Pmp) 20 Watts
Rated Voltage (Vmp) 18 VDC
Rated Current (Imp) 1.1 Amps
CE and TUV certified

Solar Angle	7° (Flat) 44° (Standard)
Solar Angle Upgrade	67° (Snow)
Standard Battery Bank	AGM 12V, 18 Ah - UL Recognized, field replaceable
Cold Weather Battery Bank Option	AGM 12V, 16 Ah - UL Recognized, field replaceable
Solar Engine Housing Material	A5052 Sheet Aluminum (Enclosure) 6061-T6 Aluminum (Mount)
Solar Engine Dimensions	15.75" x 13.25" X 4.5" (40 x 33.7 x 11.5cm)*

POWER MANAGEMENT

Rated Usage	300 cycles per day, 25 second activation
Charged Capacity	Up to 30 days at rated usage

SYSTEM PROTECTION

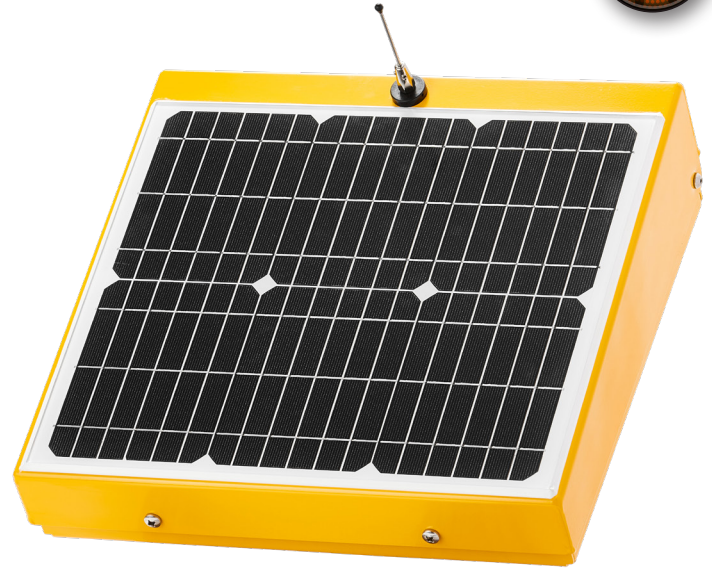
Low Voltage Disconnect	9.5 VDC
Over Current Protection	1.8 Amp PTC auto-reset fuse
Self Monitoring	Visual notification of sub-optimal operation

COMMUNICATION

Band of Operation	ISM Band (902-928 MHz)
Range	Up to 0.5 miles (800 m) with line of sight
Network Addresses	16 unique addresses to avoid interference between multiple crosswalk locations
Compatibility	Can communicate with other AB units

SYSTEM OPTIONS

Solar Engine Housing Colors	Yellow, Black or Green (custom colors available)
Mounting Options	Round Pole Collars: 2.5", 3.5", 5" and 6" Square Wood Post Saddle: 4x4", 6x6" Telespar & U-Channel: 2" Side Mount Bracket: 12", 18" and custom lengths available Custom Mounts Available



SYSTEM OVERVIEW

Compliance	FHWA MUTCD Compliant FCC EMC Class A Verified
Standard Operation	Pedestrian Activated via push button or JSFT remote transmitters
Std. Operating Temperature	14°F to + 165°F (-10°C to +74°C)
Cold Weather Upgrade Option	-40°F to +176°F (-40°C to +80°C)
System Voltage	12 VDC
Packaged Dimensions	18" x 18" x 10" @ 33 lbs (45.72 x 45.72 x 25.40 cm @ 14.97 kg)

SIGNAL HEAD AND SOLAR ENGINE AVAILABLE WITH STANDARD COLOURS; YELLOW, BLACK, OR GREEN. CUSTOM COLOURS ARE ALWAYS AVAILABLE.



SALES

Toll-Free 1.800.990.2454
sales@jsftech.com

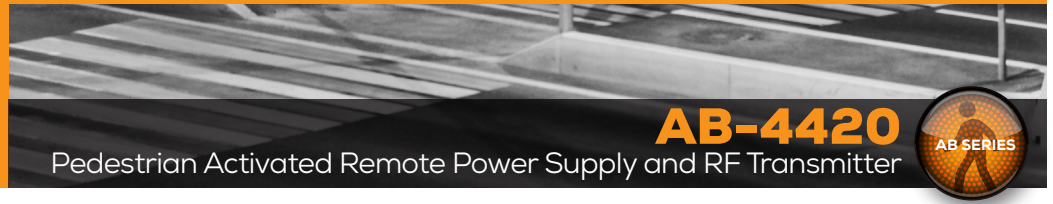
SUPPORT

Toll-Free 1.800.990.2454
support@jsftech.com

ADDRESS

6582 Bryn Road,
Victoria, BC V8M 1X6

WARRANTY 5-year Limited Warranty for defects in workmanship and materials (excludes batteries and vandalism)



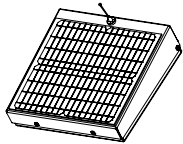
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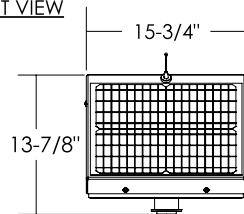
MOUNTING OPTIONS

ISO VIEW

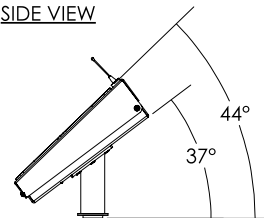


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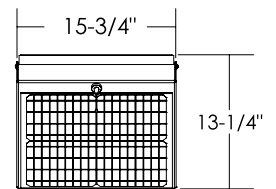
FRONT VIEW



SIDE VIEW



TOP VIEW



SYSTEM DRAWINGS