



Sun-In-One™

New Electrical Solar Light and Power Products



Solar Power Unit Kit 3 for Traffic Flow and Monitoring

Low Voltage DC – 20 Watts for 24 Hours



Sun-In-One's Solar Power Unit Kit is perfect for arterial and freeway traffic data collection. Provides accurate Volume, Occupancy and Speed reports. These real-time traffic data measures enable monitoring of congestion to optimize your traffic operations. Whether you are updating a single intersection

or integrating an entire smart city project, Sun-In-One provides everything you need for accurate traffic detection.



BRINGS REMOTE POWER TO DETECTION

DETECTION

DATA



ADAPTIVE CONTROL DETECTION



ARTERIAL & FREEWAY COUNTS



BICYCLE PRESENCE



BICYCLE COUNTS



PARKING DETECTION



ORIGIN / DESTINATION



RAMP METERING



PERFORMANCE MEASURES



SIGNAL ACTUATION



SAFETY METRICS



SIGNAL TIMING OPTIMIZATION



SYSTEM DIAGNOSTICS



TRAVEL TIME

SPECIFICATIONS

SOLAR

POWER	(2) 100 Watt Solar Panels
VOLTAGE (VOC)/CURRENT (IMP)	22.0 Volts DC, 5.42 Amps
MODULE EFFICIENCY	15.6%
CERTIFICATIONS	ETL UL, TUV, CE, ISO, IEC
WARRANTY	10 Yrs Product, 25 Yrs Power >80%

OTHER COMPONENTS

BATTERY – Kit 3 12 Volt	(2) 12V AGM Batteries, 100 Amp Hrs
BATTERY – Kit 3 24 Volt	(2) 12V AGM Batteries, 100 Amp Hrs
BATTERY WARRANTY	Prorated 5 Years
CHARGE CONTROLLER	15 Amp MPPT
CONTROLLER WARRANTY	5 Years
TIME CONTROL SETTING	24 Hrs or Adjustable
HOUSING BOXES	Fiberglass / Powder Coated Steel
HOUSING BOX WARRANTY	5 Years
SOLAR CONNECTING CORD	Customized Length
SOLAR PANEL RACKING	Side of Pole Mount System*
BATTERY LIFE BETWEEN CHARGE	Up to 42 Hrs

* Pole not included

FEATURES / BENEFITS

- Unprecedented insight into complete statistics
- Plug & Play System
- Up to 42 hours between charges
- Weather-resistant Plug-and-Play Power Units
- No Monthly Utility Bills
- Reduces costly wiring and grid connections
- Variable Controller settings
- Economic and Environmentally Responsible

ORDERING INFORMATION FOR SOLAR POWER UNIT KIT 3

STFU20-12V
STFU20-24V

MADE IN AMERICA

Products are warranted only to meet Sun-In-One™ data sheet specifications. Products and specifications are subject to change without notice.



Sun-In-One™
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