

Series 88+

General Specifications

SCADA Ready Photovoltaic Power Systems

THE NEW VALUE FRONTIER



GENERAL SPECIFICATIONS:

- ∞ Solar Panels
 - 10 watt to 20 watt
 - ∞ 10 year warranty
 - 40 watt to 130 watt
 - ∞ Kyocera UL certified panels, Class I Division II
 - ∞ 20 year warranty
 - Solar array cable and 15' conduit assembly included with panels
- ∞ Panel Mounting Structure
 - Side-of-pole mounting structure – adjustable tilt
 - Fits 2" – 4" schedule 40 pipe; mounting hardware included
- ∞ Enclosure
 - NEMA 4X, Class I Division II, Groups A,B,C & D
 - Stainless steel hardware; padlock latch; integrated mounting flange for 2" – 4" schedule 40 pipe
 - DIN rail mounting for radios, RTU or other hardware
 - (4) Fuses, DIN rail mounted for solar array, battery, and (2) load for NEC compliance
 - Battery charge controller 0-10 amps, DIN rail mounted with low voltage disconnect
- ∞ Battery – 12 volt (nominal) sealed GEL battery – maintenance free
- ∞ System wiring, grounding terminal, and hardware installed
- ∞ System documentation package

OPTIONS:

- ∞ SNMP web card with battery test capability for remote system monitoring
- ∞ DIN rail mounted universal bracket for MDS, Raven X and other panel mounted radio units
- ∞ Optional back plates and shelves available for various radio mounting configurations
- ∞ Single and dual DIN rail mounted Power over Ethernet (PoE) kits
- ∞ Coaxial lightning and surge protection, internally mounted
- ∞ 24VDC to 48VDC PoE Module
- ∞ 5 Port Unmanaged Switch
- ∞ Door switch
- ∞ Utility pole mounting kits for 4" to 13.5" OD pipes or wood poles

Please contact TESSCO Technologies, Inc for pricing

CUSTOM ENGINEERED SOLUTIONS AVAILABLE

Effective June 12, 2009

www.tessco.com/go/solar

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System Part Number	TESSCO SKU	Module (Watts)	Battery Type	System Voltage	Enclosure Size	Enclosure Type	Enclosure Rating
602422	373371	10	18 AH	12 Vdc	12" x 10" x 6"	Fiberglass	NEMA 4X
602423	373918	20	18 AH	12 Vdc	12" x 10" x 6"	Fiberglass	NEMA 4X
602432	314092	20	2 x 7AH	12 Vdc	12" x 10" x 6"	Fiberglass	NEMA 4X
602424	303848	40	18 AH	12 Vdc	12" x 10" x 6"	Fiberglass	NEMA 4X
602425	393593	20	36 AH	12 Vdc	12" x 10" x 6"	Fiberglass	NEMA 4X
602426	303688	40	36 AH	12 Vdc	12" x 10" x 6"	Fiberglass	NEMA 4X
602451	343792	10	36 AH	12 Vdc	18" x 16" x 12"	Aluminum	NEMA 4X
602452	393089	20	36 AH	12 Vdc	18" x 16" x 12"	Aluminum	NEMA 4X
602446	333797	40	36 AH	12 Vdc	18" x 16" x 12"	Aluminum	NEMA 4X
602386	353740	40	84 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602387	393138	50	84 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602400	393696	65	84 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602382	313142	40	99 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602383	363550	50	99 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602390	393145	65	99 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602384	315157	85	99 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602385	373522	130	99 AH	12 Vdc	26" x 16" x 12"	Aluminum	NEMA 4X
602388	333610	85	198 AH	12 Vdc	26" x 27" x 12"	Aluminum	NEMA 4X
602389	383459	130	198 AH	12 Vdc	26" x 27" x 12"	Aluminum	NEMA 4X