

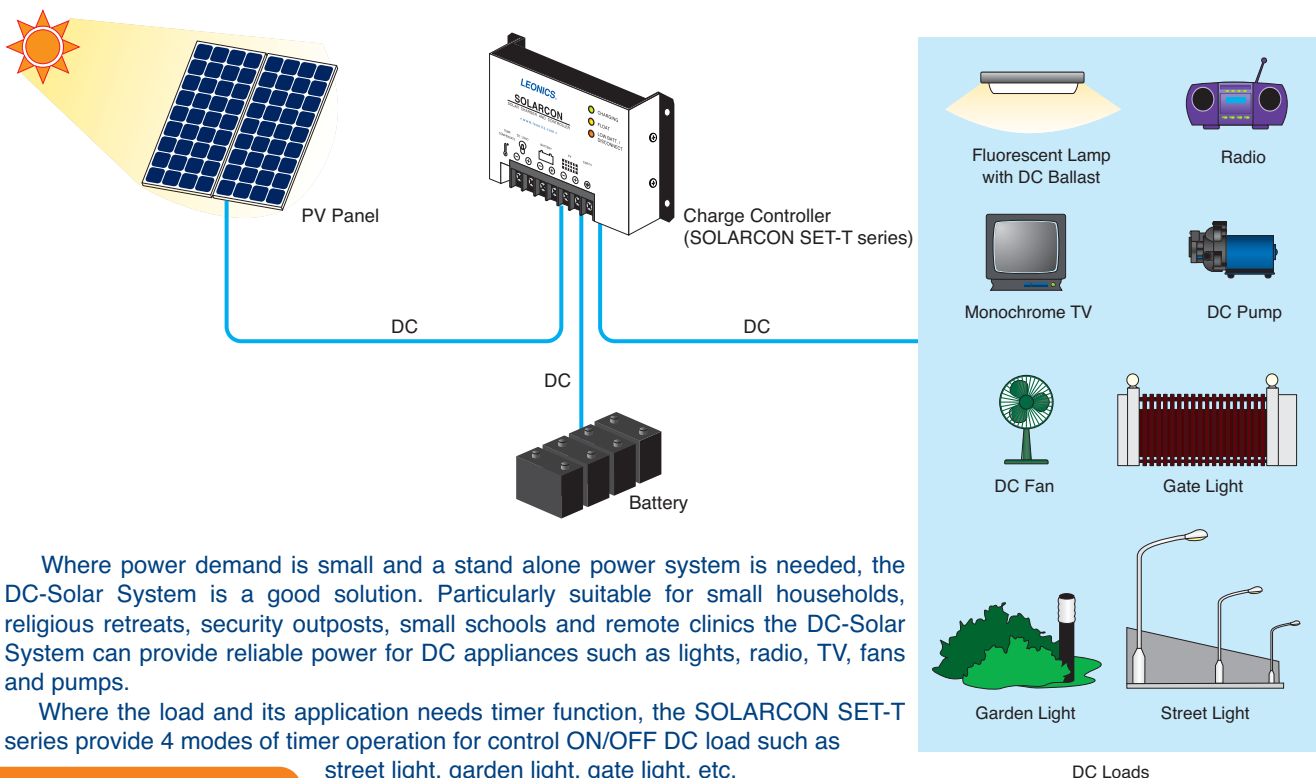


SOLARCON SET-T

SOLAR CHARGE CONTROLLER WITH DC LOAD TIMER 10A

- Advanced microprocessor control
- Solar charge controller with DC load control
- 3 Step charging to provide quick and safe charging for battery
- 4 modes timer control (ON/OFF DC load) selectable
- Available for deep cycle or sealed lead acid battery
- Temperature compensation
- Reverse polarities protection for PV and battery
- Low loss PV back feed current protection
- Over charge and over discharge protection
- Lightning surge protection
- Low battery shutdown with alarm
- Automatic ON - OFF
- LED indicator
- High reliability
- C-tick compliance for EMC
- ISO 9001 and ISO 14001 certified factory

Timer Mode	DC Load Status	
	Sunrise	Sunset
1	OFF →	ON 4hrs. OFF →
2	OFF →	ON →
3	OFF →	Blink (for Obstruction light)
4 (default)	ON →	



SOLARCON SET-T series SOLAR CHARGE CONTROLLER WITH DC LOAD TIMER 10A

SPECIFICATIONS

MODEL		SET-1210TW	SET-1210TS	SET-2410TW	SET-2410TS	SET-4810TW	SET-4810TS
PV INPUT	Nominal voltage	12 V		24 V		48 V	
	Maximum voltage	22 V		44 V		88 V	
	Maximum current	12 A		12 A		10 A	
DC OUTPUT TO BATTERY	Nominal battery voltage	12 Vdc		24 Vdc		48 Vdc	
	Boost charging voltage (at 25°C)	15.0 V ± 0.2	14.2 ± 0.2	30.0 V ± 0.4	28.4 V ± 0.4	60.0 V ± 0.8	56.8 V ± 0.8
	Float charging voltage (at 25°C)	13.8 V ± 0.2		27.6 V ± 0.4		55.2 V ± 0.8	
	Low battery disconnect voltage	10.8 V ± 0.2		21.6 V ± 0.4		43.2 V ± 0.8	
	Battery temperature compensate	- 25 mV / celsius		- 50 mV / celsius		- 100 mV / celsius	
	Maximum charging current	12 A		12 A		10 A	
	Power consumption	20 mA		20 mA		30 mA	
DC LOAD CONTROL	Nominal voltage	12 Vdc		24 Vdc		48 Vdc	
	Maximum current	10 A		10 A		10 A	
PROTECTION	Protection	Over voltage disconnect, Low battery disconnect, Short circuit (Type electronics switch not moving parts and no contact surface)					
		High battery voltage / Over charge and over discharge / PV transient voltage surge					
		PV reverse polarity / Battery reverse polarity					
INDICATOR	LED	(green)	Charging				
		(yellow)	Float charging				
		(red)	Low battery / Low voltage disconnect				
BATTERY	Type	Deep cycle lead acid (LA)	Sealed lead acid (VRLA)	Deep cycle lead acid (LA)	Sealed lead acid (VRLA)	Deep cycle lead acid (LA)	Sealed lead acid (VRLA)
		0 - 45°C					
OPERATING CONDITION	Temperature	0 - 95 % (non-condensing)					
DIMENSION	Relative humidity	137 x 93 x 40					
	W x H x D (approximate in mm.)	350					
WEIGHT	Approximate in gram						

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Distributor:

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