



Affordable Solar Power



TECHNICAL SPECIFICATIONS

Parameters	Systellar CC 1224-10A / 20A
Charge controller technology	PWM charging
Battery Voltage Configurations	12V / 24V Auto Select
Battery type selection (through Jumper)	Flat cell / Tubular / SMF type battery
Input PV Open Circuit Array Voltage	18/21.6 Vdc for 30/36 cell panel (for 12V battery) 36/43.2 Vdc for 60/72 cell panel (for 24V battery bank)
Charging method	3 stage charging (Boost, Absorption, Trickle)
Max Charging Current (at 25 °C)	10 Amps / 20 Amps DC
Hybrid functionality	Using Power saver accessory (optional)
Efficiency (%)	Up to 98.5%
Trickle charging level	13.5 ± 0.1 V
Boost / Absorption charging level	Flat cell battery - 14.4 V Hold time 30 minutes Tubular cell battery - 14.4 V Hold time 120 minutes SMF battery - 14.4 V Hold time 5 minutes
Protection features	Battery over-charging protection
	Reverse polarity protection (Battery & PV panel both)
	Visual indication LED for wrong polarity connection
	Battery specific charging for Flat cell / Tubular / SMF battery
	Battery charging status LED
	Rugged product design
General Specifications	
Specified Temperature Range	0 °C to 45 °C
Usage	For indoor use only
Unit Weight	0.32 kg
Shipping Weight	0.50 kg
Dimensions (H x W x D)	135mm x 85mm x 55mm
Mounting	Vertical wall mount - indoor only
Manufacturing Warranty	One year

* Technical Specification may change in process of product enhancement

Systellar Innovations

Shankar Chowk, Delhi Road, Meerut - 250002, U.P.

www.systellar.in | info@systellar.in | Contact: 09568004455, 0121-2400394