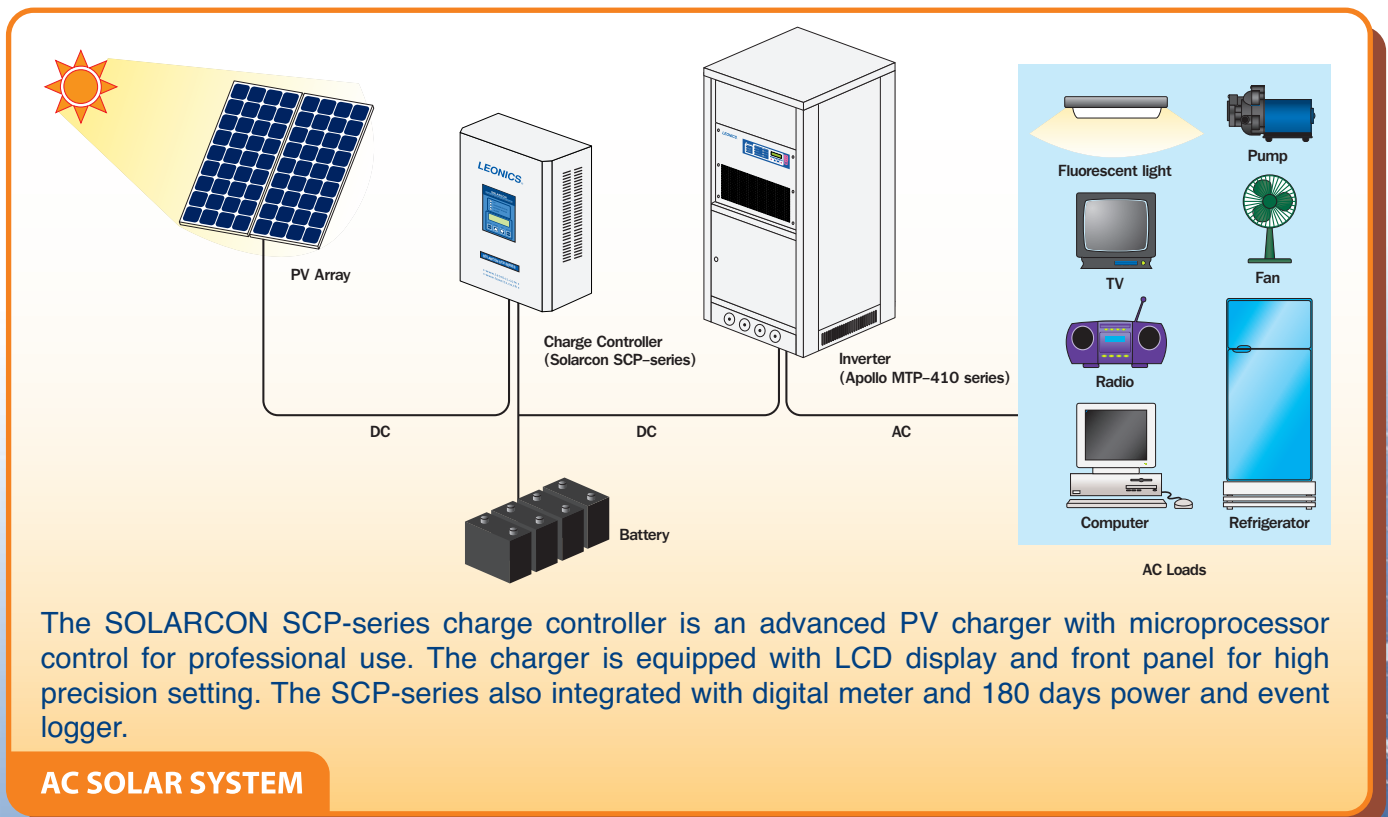


SOLARCON SCP

PV CHARGE CONTROLLER FOR PROFESSIONAL



- Advanced microprocessor control
- All solid state (Serial controller)
- Automatic ON - OFF
- 3-step charging to provide quick and safe charging for battery
- Comprehensive LED indication and LCD display
- Lightning surge protection
- Overload alarm and protection
- Over charge and over discharge protection
- Power and event data logger
- ISO 9001 : 2000 and ISO 14001 certified



SPECIFICATIONS

Wall Mount Model	SCP-2430	SCP-2460	SCP-24120	SCP-4830	SCP-4860	SCP-48120	SCP-48240	SCP-12030	SCP-12060	SCP-120120	SCP-24030	SCP-24060	SCP-240120	
Rack Mount Model	SCP-2430/RM	SCP-2460/RM	SCP-24120/RM	SCP-4830/RM	SCP-4860/RM	SCP-48120/RM	SCP-48240/RM	SCP-12030/RM	SCP-12060/RM	SCP-120120/RM	SCP-24030/RM	SCP-24060/RM	SCP-240120/RM	
RATED POWER														
Maximum current (A)	30	60	120	30	60	120	240	30	60	120	30	60	120	
INPUT														
Nominal voltage (Vdc)	24			48				120			240			
Maximum Voltage (Vdc)	48			96				240			480			
OUTPUT														
Boost charging voltage	26.0 - 30.0			52.0 - 60.0				130.0 - 150.0			260.0 - 300.0			
Float charging voltage	24.0 - 28.0			48.0 - 56.0				120.0 - 140.0			240.0 - 280.0			
Low voltage cut off	19.8 - 23.75			39.6 - 47.5				99.0 - 119.0			198.0 - 238.0			
Low voltage alarm	20.0 - 24.0			40.0 - 48.0				100.0 - 120.0			200.0 - 240.0			
Reconnect voltage	23.0 - 27.0			46.0 - 54.0				115.0 - 135.0			230.0 - 270.0			
PROTECTION														
Reverse polarity	Protection													
High battery voltage	Protection / alarm													
Low battery voltage	Protection / alarm													
Overload	Protection / alarm													
PV disconnection	Protection / alarm													
INDICATION														
LED	Battery Level, PV Voltage Level, Operation Status, Alarm													
LCD	Digital meter, 180 days power and event logger													
COMMUNICATION INTERFACE														
DB-9 connector	RS-232 serial interface port													
SYSTEM														
Battery temperature compensation range	-5 to 7 mV / cell / celsius (option)													
OPERATING CONDITION														
Temperature	0 - 45°C													
Relative humidity	0 - 95 % (non-condensing)													
DIMENSION (W x H x D) (approximate in cm.)														
Wall mounted case	27 x 36.5 x 20.5					35 x 50 x 27		27 x 36.5 x 20.5				42 x 40 x 23		
Rack mount case	48.2 x 26.5 x 54													
WEIGHT (approximate in kg.)														
Wall mounted case	9.5	10.5	10	10.5	10	10.5	10	10.5	10	10.5	10	10.5	15	
Rack mount case	11.5	12.5	12	12.5	12	12.5	12	12.5	12	12.5	12	12.5	17	

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

Authorized Distributor:

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