

Technical Specifications for Solar Controller / Charger

Model	Solar Controller/Charger		
	SC-12CHG 5A	SMC-12CHG 10A	SMC-12CHG 10A c/w LCD Remote
Input (PV Panel)	11-21 V DC	11-21 V DC	11-21 V DC
Input Voltage (PV Storage)	11-12.75 V	11-12.75 V	11-12.75 V
Output Voltage (Load)	11-14.9 V DC	11-14.9 V DC	11-14.9 V DC
Maximum Charging Current	8 Amps	5-15 Amps	5-15 Amps
Maximum Load Current	5 amps	5-15 Amps	5-15 Amps
Charging Characteristics	100% charging initially (bypass mode) then float charge	100% charging initially (bypass mode) then float charge	100% charging initially (bypass mode) then float charge
Condition Indications	<p>LED light :</p> <ol style="list-style-type: none"> 1. Batt Full, 2. Reverse, 3. Load On, 4. Fuse, 5. Batt Low. 	<p>LED light :</p> <ol style="list-style-type: none"> 1. Batt Empty, 2. Short Circuit, 3. Power Out, 4. Input Reverse, 5. Batt Full. 	<p>LCD Remote (Data logging option)</p> <p>1.SOLAR MANAGER: Volt, Amp in, Amp Hour, Watt Hour.</p> <p>2. BATT MANAGER : Status, Volt, Content, Temperature.</p> <p>3. LOAD MANAGER : Amp Out, Amp Hour, Watt Hour.</p>
Control	Automatic, Self resetting Fuse.	Automatic, Micro processor control.	Automatic, Micro processor control, DATE & TIMER : A. Local Time, B. Controller Time, C. Synchronise Time, D. Timer. 1. Auto 2. 24hours 3. Preset 3-1. <i>Semi Auto</i> <i>Auto On / Off / On / Auto Off</i> 3-2. <i>Manual</i> 4. Flashing (All modes)
Protection	PV Storage breaker, 'Reverse', 'Full' & 'Low', WATERPROOF.	Auto Protect. 'Reverse', 'Full' & 'Low', WATERPROOF.	Auto Protect. 'Reverse', 'Full' & 'Low', WATERPROOF.
Connection	Panel In, Panel Sensor In, PV Storage In, Load Out.	Panel In, AUX in, AUX out, PV Storage port, Load Out, Heat sensor in.	Panel In, AUX in, AUX out, PV Storage port, Load Out, Heat sensor in.
Mounting	Control panel or wall mount	Wall mount	Wall mount