

SOLAR CHARGE CONTROLLER

TECHNICAL SPECIFICATIONS

Model	TSC06	TSC10	TSC20	TSC48	TSC96
Technology		PWM		MPPT / PWM	
Precise Control			Micro Controller Based		
Switching Device			Power MOSFET		
Battery Nominal DC Volt	12VDC	Auto Sense	12V/ 24V	48V	96V
Max. SPV Volt (VOC)	25V	For 12V/ (SPV<25V); For 24V(SPV<45V)		90V	180V
Recommended Solar Panel Rating	100 W _p /36cells	150W _p /36cells 300W _p /60cells	300W _p /36 cells 600W _p /60cells	1000W _p for20A 2000W _p for 40A	2000W _p for20A 4000W _p for 40A
Charging Volt (float)		14.2V (13.4V-15V) per Battery			
Charging Current	6 Amp	10 Amp	20 Amp	20Amp/40Amp	
Over Charging Current			Provided		
Over Charging Voltage			Provided		
SPV/ Battery Reverse Polarity			Provided		
Reverse Current Flow			Provided		
Lightning/ Surge Protection			Provided (Optional)		
LED Parameters	SPV Charging, Low Battery, Reverse Polarity, Battery status, Overload				
LCD Parameters {*Optional*}	SPV Voltage, Battery Charge Status, Battery Volt				
Cabinet Type	Metallic (wall mount / table top)				
Enclosure	Indoor application				
Operating Temperature	0 C to 40 C				
Relative Humidity	5% to 95% (Non Condensing)				

* Product upgradation is a continuous process, hence, data in this product catalogue is subject to change without prior notice.

** These specifications are for a standard Product. Customized specifications can be offered against specific requirements.