

Appendix C

Solar Energy conversion system

Table C.1 Nameplate Rating of Solar Panel.

Parameter	Specification
Maximum power	50 W
Voltage at max. power	17.7 V
Current at max. power	2.83 A
Open circuit voltage	20.5 V
Short circuit current	3.28 A
Normal operating cell temperature	450 C
No of solar module in series	2