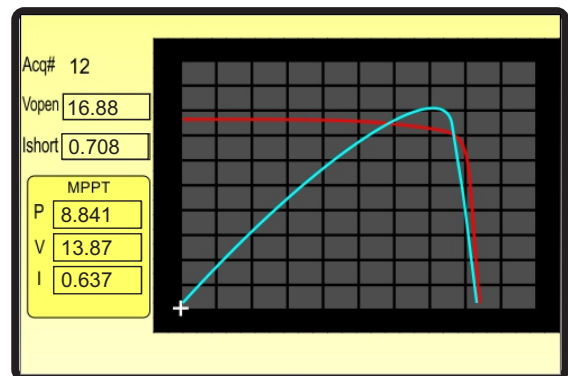




**Li-Battery
Powered**



IV Curve

Solar IV Curve			
Acquisition#0025			
Si.	Volt	Amp	Watt
10	4.615	0.682	3.295
11	5.128	0.679	3.489
12	5.641	0.676	3.987
13	6.153	0.676	4.421
14	6.666	0.673	4.670

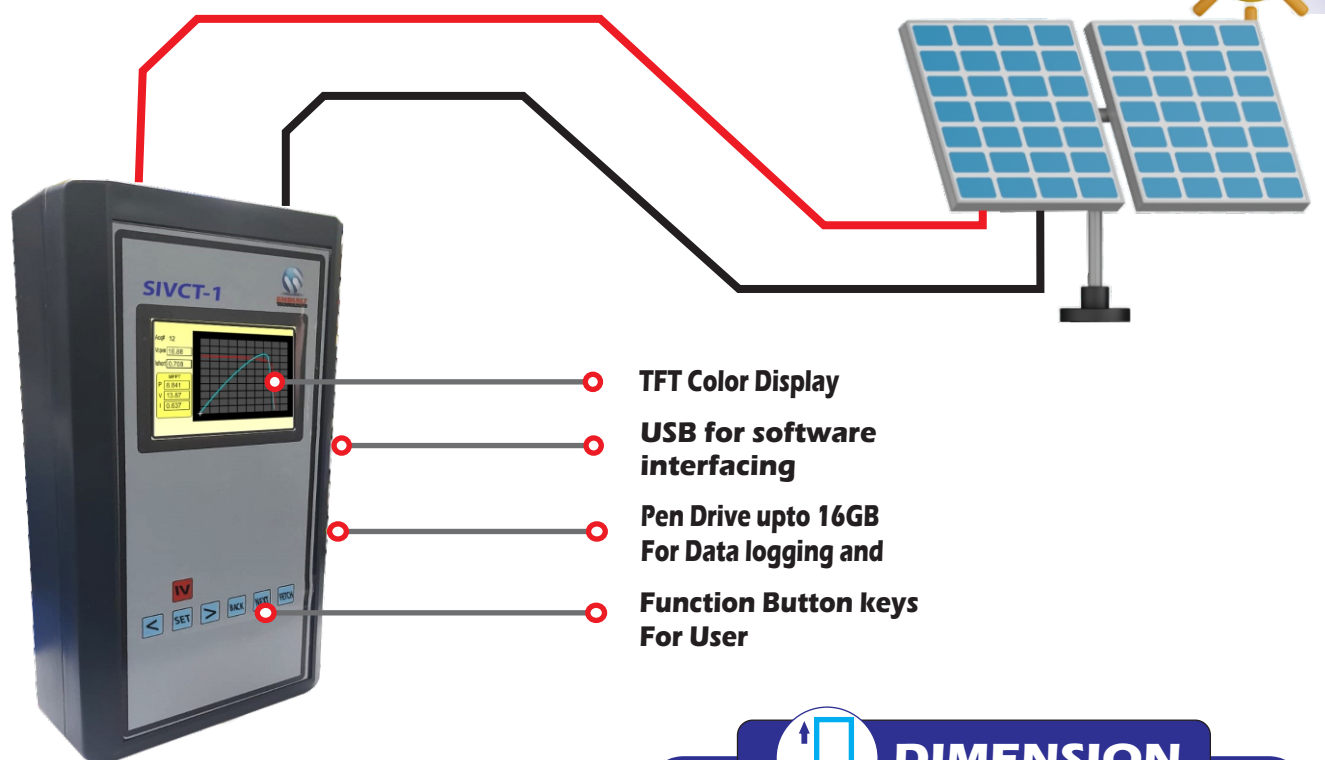
IV Data

EMBUILT SIVCT-1 is used for testing, maintenance and finding efficiency of various parameters of solar panels and cells. Analyzer can be used to design Solar System to generate specific power. It can identify Solar Power System requirement, best angle of Solar Panel installation and Broken / Worn-out cells



FEATURES

- Max. Voltage (V_{maxp}) at P_{max}
- Max. Current (I_{maxp}) at P_{max}
- Voltage at Open Circuit (V_{open})
- Current at Short Circuit (I_{short})
- I-V Curve Test for Solar Panel / Module / Cell
- Rechargeable Lithium Battery
- Portable with battery backup
- Memory Size : 100 Records
- Pendrive Port for Curve data
- USB Port For Computer Software



TFT Color Display

USB for software interfacing

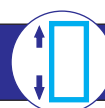
Pen Drive upto 16GB
For Data logging and

Function Button keys
For User

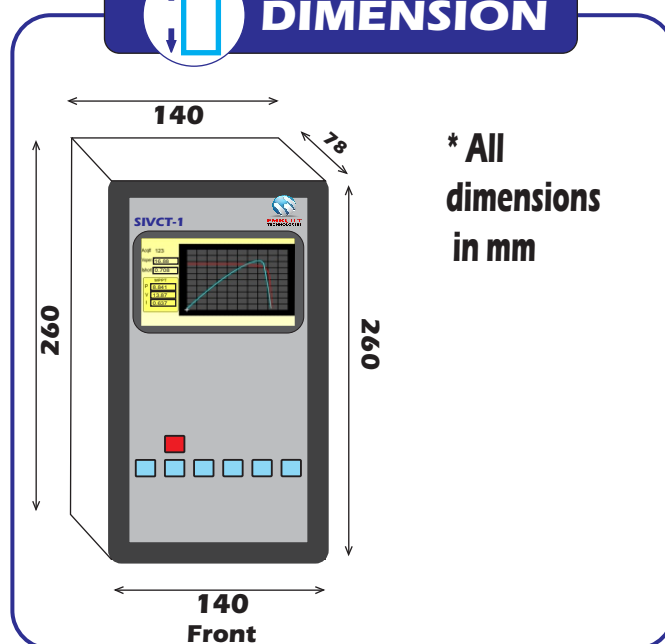


TECHNICAL SPECIFICATION

Adaptor (Charger)	5V 1A DC
Display	TFT Color Display (Resolution 480PX x 320PX)
Memory	100 Test
Accuracy	Class 0.2 (for electrical parameters)
Input Parameter	60V 20A / 30V 5A
Weight	Approx. 1 Kg.



DIMENSION



ACCESSORIES



USB cable



Charging Adaptor



Manual



Software CD



Patch Cords



Pendrive

Developed & Manufactured By :



**EMBUILT
TECHNOLOGIES**

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