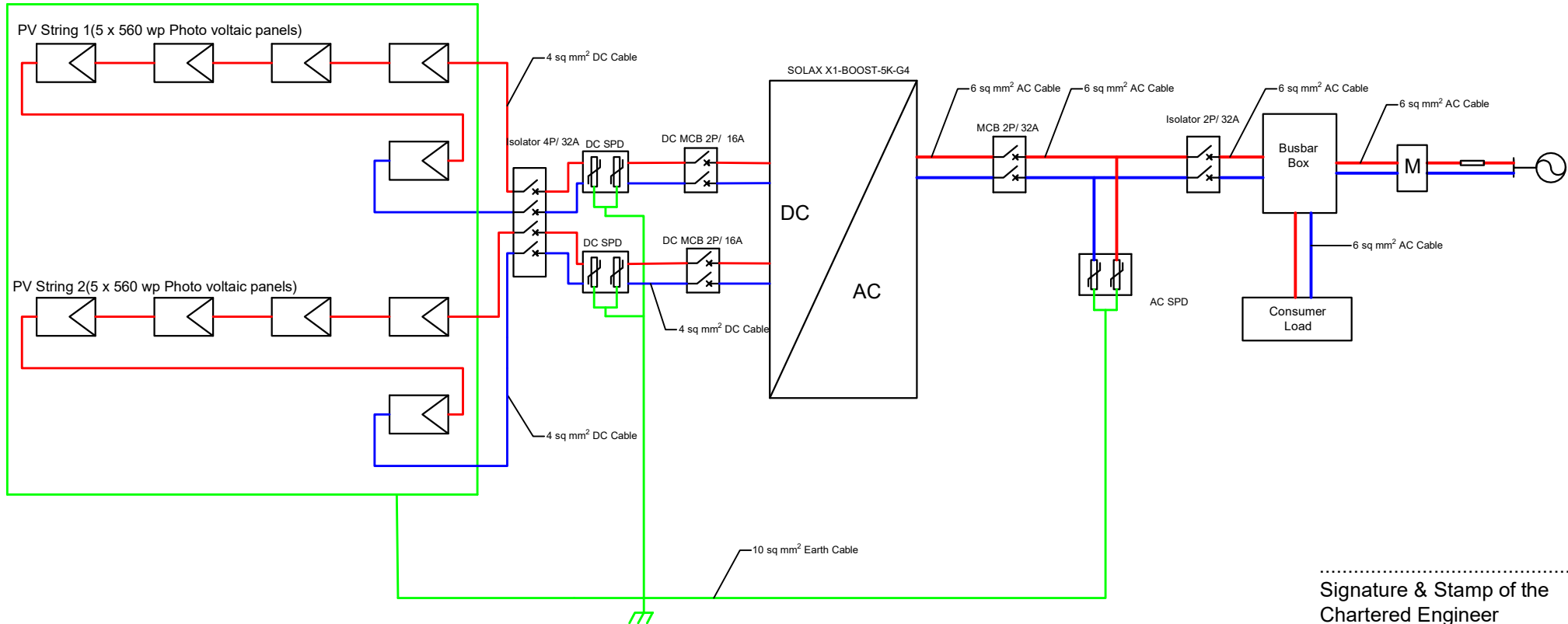


# CSK ENERGY SOLUTION & ELECTRICALS (Pvt) Ltd.

191/7, Magahena, Pituwala, Elpitiya

0713680900 / 0779137263



Signature & Stamp of the  
Chartered Engineer

## General Notes

This diagram illustrates the schematic of the electrical circuit of 5.00 kW grid tie solar power generation system.

1. DC Cables Cross Section : 4 mm <sup>2</sup> Rated Voltage : 1000V	2. AC Cables Cross Section : 6 mm <sup>2</sup> Rated Voltage : 1000V	3. Grounding Cables Cross Section : 10 mm <sup>2</sup> Rated Voltage : 1000V	4. DC bus surge arrestors UC : 800 V In : 20 kA I Max : 40 kA Up : 3.0 kV	5. AC bus surge arrestors UC : 275 V In : 20 kA I Max : 40 kA Up : <1.8 kV	6. Over current protective device (AC bus) MCB : 32A	7. Solar energy harvesting system Inverter capacity : 5.00kW Panel capacity : 5.60kW
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Project Name:  
O.V.D.Sudeera  
No 341,  
Opatha,  
Ganegoda,  
Elpitiya.

Firm Name and Address  
CSK Energy Solutions and Electricals (Pvt) Ltd.  
Magahena, Pituwala  
Elpitiya.

Project Details:  
Files No : 20240117  
Drawing No :

	Name	Signature	Date	Contact No
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