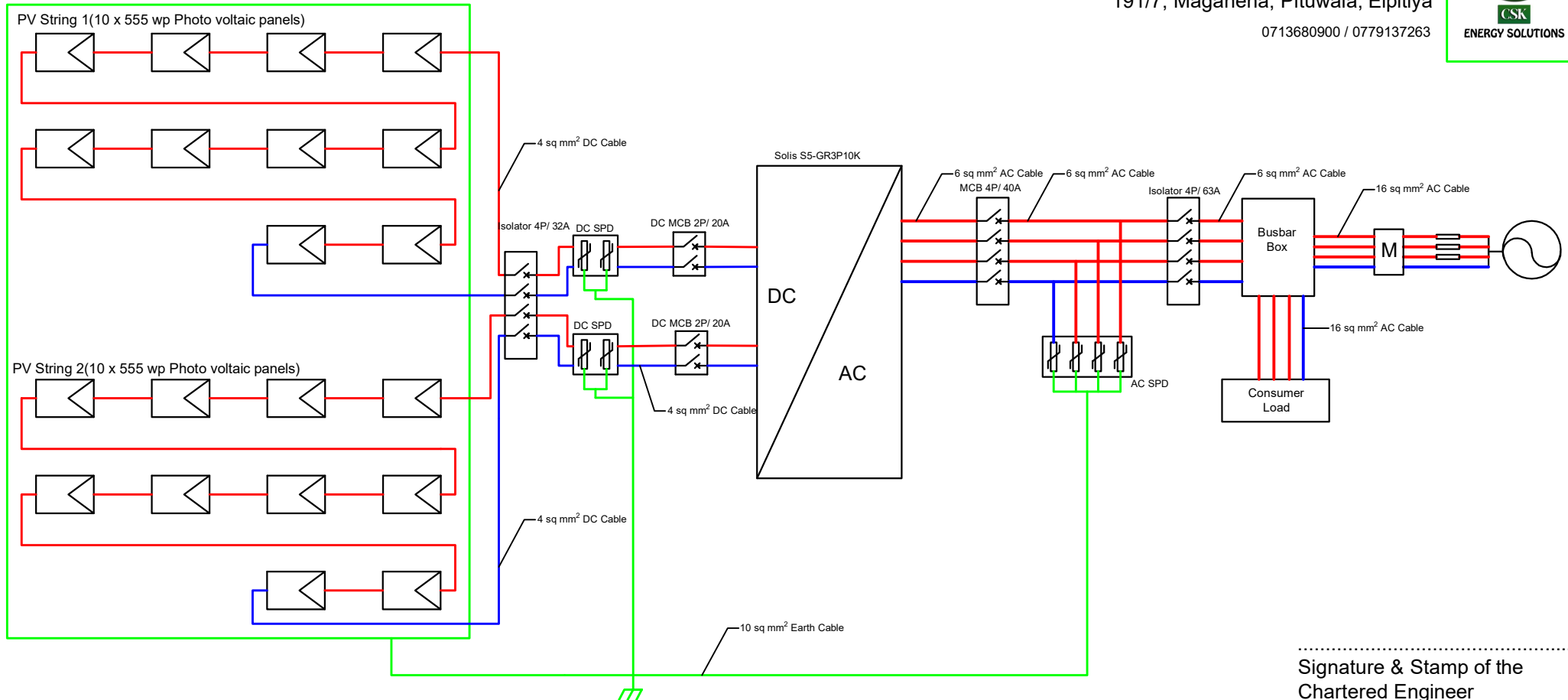


# CSK ENERGY SOLUTION & ELECTRICALS (Pvt) Ltd.

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 10.00 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 : 600 V In : 20 kA I Max : 40 kA Up : 2.8 kV	5. AC bus surge arrestors UC : 420 V In : 20 kA I Max : 40 kA Up : <2.0 kV	6. Over current protective device (AC bus) MCB : 40A	7. Solar energy harvesting system Inverter capacity : 10kW Panel capacity : 11.1kW
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Project Name:  
Medical Center (Pvt) Ltd.  
Pinikahana,  
Kahaduwa.

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

Project Details:  
Files No :  
Drawing No :

	Name	Signature	Date	Contact No
Designed By	Mrs. Y. H. N. Keshani		2023 / 10 / 17	0713688977
Drawing By	Mr.M. J. M. H. Jayawardhana		2023 / 10 / 20	0763582172
Checked By	Mr. A. K. A. Priyankara		2023 / 10 /	0715349148