

**POWERFUL - INTELLIGENT - AUTOMATED**

**BS7671 - 18TH EDITION ELECTRICAL DESIGN & CERTIFICATION SOLUTION**

**MODECSOFT**  
**Electricalom**

# Webinar Focus

Design for Solar PV Systems with accordance with BS 7671 Section 712.

## Key Considerations:

- Checks related conductor sizing and overcurrent protection

How details such as:

- I\_MOD\_MAX\_OCPR
- I\_SC\_MAX,
- MPPTs
- String configuration

affect selection

- EOM Warnings

What alerts show highlight non-compliances

# Webinar Focus

## Why It All Matters

Taking Advantage of EOMs fast and powerful  
Live Calculation Engine

Accurate compliance for PV systems with  
multiple strings based on the latest regulation  
updates.

# Future Developments & Webinars

## Coming Soon:

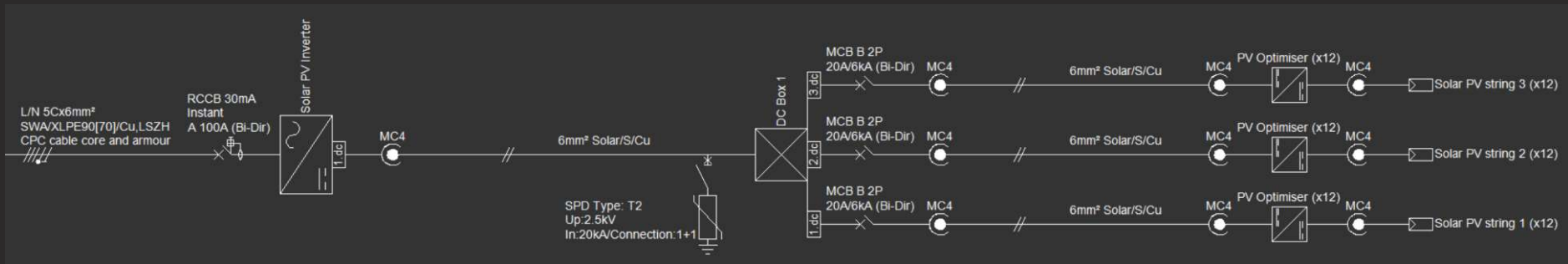
- Enhanced Inverter Settings: Compliance with national grid code of practice, for identifying PF, THD and system efficiency.
- BESS Integration: Streamlined hybrid system design that combines PV and energy storage.
- Stand-alone: Expansion regarding the design and protection of stand-alone PV Systems.
- PV Certification & Reporting: UK-compliant forms and reports for seamless PV Installation documentation.

## Join Us:

- Stay tuned for upcoming webinars showcasing the latest developments in ElectricalOM.

# Ask Questions in the Q&A Section

Enjoy this EOM live demonstration on the design and protection of solar photovoltaic (PV) systems



Overcurrent protection				
Isc_MAX_arr	Np	IMOD_MAX_OCPR	minIz	It
37.5	3	25	37.5	≤ 57
Ns	1.35 x I_MOD_MAX_OCPR		(Ns-1) x Isc_MAX	
3	33.75		<	75
Overcurrent protection is applied for each PV string				