



- DESIGN
- INSTALL
- MAINTAIN
- INSPECT

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PV INSTALLATION CHECK LIST F09 Rev3 14/09/2026 Project Number: 			
SITE DETAILS		INSPECTION DETAILS	
Contact name:		Telephone	
Address:		Mobile	
		E-Mail address:	
Postcode:			
PROTECTION AGAINST OVERVOLTAGE / ELECTRIC SHOCK		GENERAL INSTALLATION (MECHANICAL)	
Equipment compliant with standards, correctly selected & not damaged		Array frame correctly fixed and stable: Roof fixings weather proof	
Equipment and protective measures appropriate to external influences		Ventilation provided behind array to prevent overheating / fire risk	
Equipment and accessories correctly connected		Array frame & material corrosion proof	
Particular protective measures for special location		Cable entry weather proof	
Equipment accessible for operation, inspection & maintenance		Protection against overvoltage / electric shock	
Conductors routed in safe zone or protected against mechanical damage		D.C. SYSTEM	
Conductors connected and identified		Physical separation of A.C. and D.C. cables	
Conductors selected for current carrying capacity and volt drop		D.C. switch dis-connector fitted (to IEC60364-712.536.2.2)	
Presence of fire barriers, seals and protection against thermal effects		PV strings fused or blocking diodes fitted (only relevant if required)	
System installed to prevent mutual detrimental influence		D.C. cables – protective and reinforced insulation (only relevant if required)	
GENERAL INSTALLATION (ELECTRICAL – REF IEC60364-6-61)		All D.C. components rated for operation at max. D.C. system voltage ($V_{oc} \times 1.25$)	
Array frame equipotential bonding present (if required) placed out of reach of persons		LABELLING AND ISOLATION	
Live parts insulated, protected by barrier/enclosure		PV system schematic displayed on site	
RCD provided (if required)		General labelling of circuits, protective devices, switches and terminals	
Frame correctly integrated with existing LPS Installation		Emergency shutdown procedure displayed on site	
Surge protection devices present (if required)		Protection settings and installer details displayed on site	
A.C. SYSTEM		D.C. isolator/junction boxes suitably labelled	
Inverter protection settings to local regulations		A.C. isolator clearly labelled	
A.C. isolator lockable in off position only		Signs and labels suitably affixed and durable	