By-pass diode

PV strings connected in parallel

Blocking diodes on positive pole

Surge arrester

PV strings connected in parallel

By-pass diode

Check list (for reference only, no need to submit this check list):

- Show “HK Electric Electricity Account Meter”, account no. & location
- Show “Power supply from HK Electric” and supply point (SN) no.
- Show “HK Electric RE Meter” and location
- Show the technical details of PV system, PV panel, no. of PV strings, no. of PV panels for each string, inverter, isolation transformer, power optimizer (if any) and connecting cables
- Show the no. of poles and rating of all the switches and protection devices (e.g. MCB, MCCB)
- Show the circuit no. at the customer distribution board for connection to the PV system, and also the phase no. L1, L2 or L3 (if single-phase connection)
- Show names and locations of all the cubicle, panels, distribution board and equipment
PV panel type: e.g. 300 W Monocrystalline panel
No. of panels: e.g. 34
Panel dimensions: e.g. 1000 mm × 1600 mm
Tilt angle: e.g. 15°
Facing direction: e.g. South-west

Check list (for reference only, no need to submit this check list):
- Show PV panel type, quantity and dimensions
- Show tilting angle and facing direction
- Show panel fixing arrangement (e.g. supporting frame & concrete plinth)
- Show cabling arrangement and routing
- Show layout dimensions
ELECTRICAL EQUIPMENT ROOM

Check list (for reference only, no need to submit this check list):

- Show position and dimensions of all the electrical equipment, panels and cubicles
- Show cabling arrangement and routing

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