Off-grid solar majuro

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(1)Panels:peak capacity with international certification, rated at 600V when combined along a string and with allowable +/- 3% peak power calibration.Must be installed on two different roof pitches to help spread the energy delivery over the day and year.Must be installed on a roof with a 10 to 25 degree slope, so panels are not installed at less than a 10 degree angle.Should include internal by-pass diodes in each panel with the number depending on the size of the module proposed.

Model No.: MUL-6M-320P-72o Performancepolysiliconcosts and maximizing the KWH output of your system per unit areaTight positive power tolerance of 0W to +5W ensures you receive modules at or above nameplate power and contributes to minimizing module mismatch losses leading to improved system yieldTop ranking in the TUV rheinland energy yield test and the PHOTON test demonstrates high performance and annual energy productiono ReliabilityTests by independent laboratories prove that Solar modules:

Successfully endure ammonia and slat-mist exposure at the highest severity level.ensuring their performance in adverse conditions Junction box and bypass diodes guarantee the modules free of overheating and Hot spot effect

o Warranties10-Year limited product warrantyLimited power warranty:10 years at 91.5% of the minimal rated power output 25 years at 81% of the minimal rated power outputIn compliance with our warranty terms and conditions

(5)Cables:Double insulated UV resistant solar wiring – cables able to stay in the sun all the time and sized to <3% voltage drop at full power from the solar array.Must include grounding with all earth cables interconnected and leading to a common earthing system that is also the earthing system for the inverters and all other system components using at least 4 mm copper wire. No daisy chaining of module grounds allowed.

(6)Switch/connection/combining/junction boxes:to consolidate the string wires into a single stream that go to the inverter inputs.Each string must be capable of being isolated for individual testing using fuses or appropriate DC switches.3-way pole switch (transfer switch) to be included to switch from solar power input to utility input in case solar system needs to be turned off for maintenance purposes.

(7)Solar output meter:installed from the combined solar outputs to the building and block extra energy from the standalone solar grid so it does not go into the grid.

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