

DELIVERING MORE POWER FROM A SOLAR MODULE

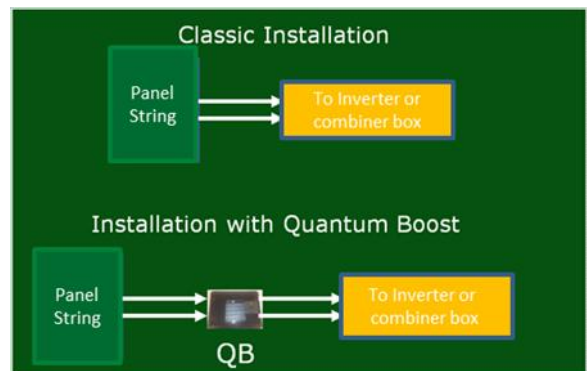
The QuantumBoost™ QB1500S product, using Efficoat™ technology from Ultrasolar Technology, can provide up to 15–20% improvement in power production from ordinary solar panels over the course of a typical day. The increase in energy yield over the lifetime of the deployment drives the Levelized Cost of Electricity (LCOE) significantly down, providing owners with much greater returns on investment. QuantumBoost™ increases the baseline energy output of a module string by boosting power density on the DC side of the inverter for solar arrays.

Ultrasolar Technology QB1500S



QuantumBoost™ QB1500S

QB1500S: Supports up to 1500W of Modules in a string, NEMA-4X Enclosure, with transient voltage suppression



Easy Installation

Light Commercial Retrofit Rooftop



Residential Retrofit Rooftop



QB1500S Installation

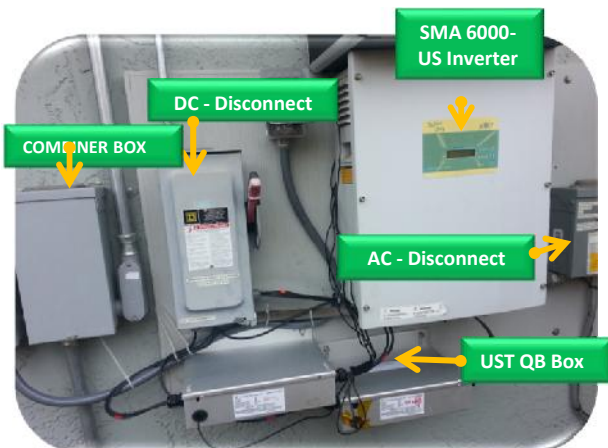


POSITIVE (HOT) CONNECTIONS SHOWN FROM INPUT AND OUTPUT OF BOX TO PANEL AND INVERTER RESPECTIVELY

- Up to 15–20% Output Power Boost
- Small Form Factor
- Panel Matched Solution

QuantumBoost™ - Specifications

- Input DC (Pmax): 1500W
 - Voc: 250V; Isc: 8.9A
 - Max String Voltage (Vmp): 235V
 - Max String Current (Imp): 8.5A
- Output DC: (Pmax increase): ≤ 20%
 - Voc: +/- 5%
 - Isc: 15%
 - Max Voltage Variation: up to 5%
 - Max Current at Pmax: up to 15%
- Dimensions:
W: 12; L: 8; D: 3 (inches); Weight: 8 lbs
- Operating environment -40° C - +65° C
- MTBF – 20 years
- Warranty: 5 yrs std, Optional to 15 yrs



Connecting the QB1500S