

Seven Reasons Why You Should Use Photon Solar Modules



1 LAMINATION TECHNOLOGY: At Photon, solar modules are manufactured keeping 30 years of design life. In order to achieve this, in-depth understanding of lamination technology is of paramount importance. There is more to lamination technology than the eyes meet or most solar companies understand. Photon has mastered it.



Lamination Room: Photon Solar PV module line

2 MATERIAL SELECTION: Solar PV modules are essentially as good as the materials used in making them. Use of reliable materials such as solar Cells, EVA, Backsheet, TBs etc are critical to the life of the solar panel. Careful selection of lamination materials and good shop floor practices are the key

3 BEYOND STANDARDS & CERTIFICATIONS International test standards such as IEC 61215, TUV, ISPRa etc may fail to help detect the reliability of solar modules. Photon's stringent in-house test protocols help roll out most reliable PV modules from our factory. Our internal procedures are the key beyond international test certificates.



Photon 250Wp Multi Crystalline Solar PV module

4 PRICE TO PERFORMANCE EPC: Yes. It's not enough if the modules live for over 25 years. Engineering of solar power plants is as big a task or bigger even as making solar modules robust and long-living. It's beyond just integrating, or simply laying the modules on structures connecting them to the inverters and stepping up. Best EPC practices adopted by Photon have far reaching impact on reliability, performance and profitability. Yes, Team Photon understands the modules behaviour better than any other solar module manufacturers, as we are also the most experienced EPC players in India to reckon with

5 WARRANTY WARS! Just signing warranty papers for 25 years is not enough. Remember to gauge the warranty of company itself! For, you need to choose a company that survives longer than its modules!

6 UNKNOWN TERRITORIES: MW solar power plants to India is quite new (2009). The behavior of MW solar power plants were understood by very few people in the world, let alone Indian solar companies. PID (Potential Induced Degradation) effect is one such phenomenon that took the EPC players by surprise. Photon had already circumvented such impacts, thanks to its proprietary design methods and test practices both in the factory and on the field.

7 'CHEAP' MODULES ARE COSTLY! There's no short-cut to quality and reliability. Our uncompromising approach ensures that PV modules do not require replacement, performance is guaranteed. We eliminate all the risks factors which otherwise adversely impact power generation from your PV plant thereby increasing operational costs in the long run.



Tabbing, Stringing & Lay up operations: Photon Solar PV module line