

WAAREE[®]

One With The Sun

www.waaree.com



WAAREE AT A GLANCE



WAAREE[®]
One with the Sun

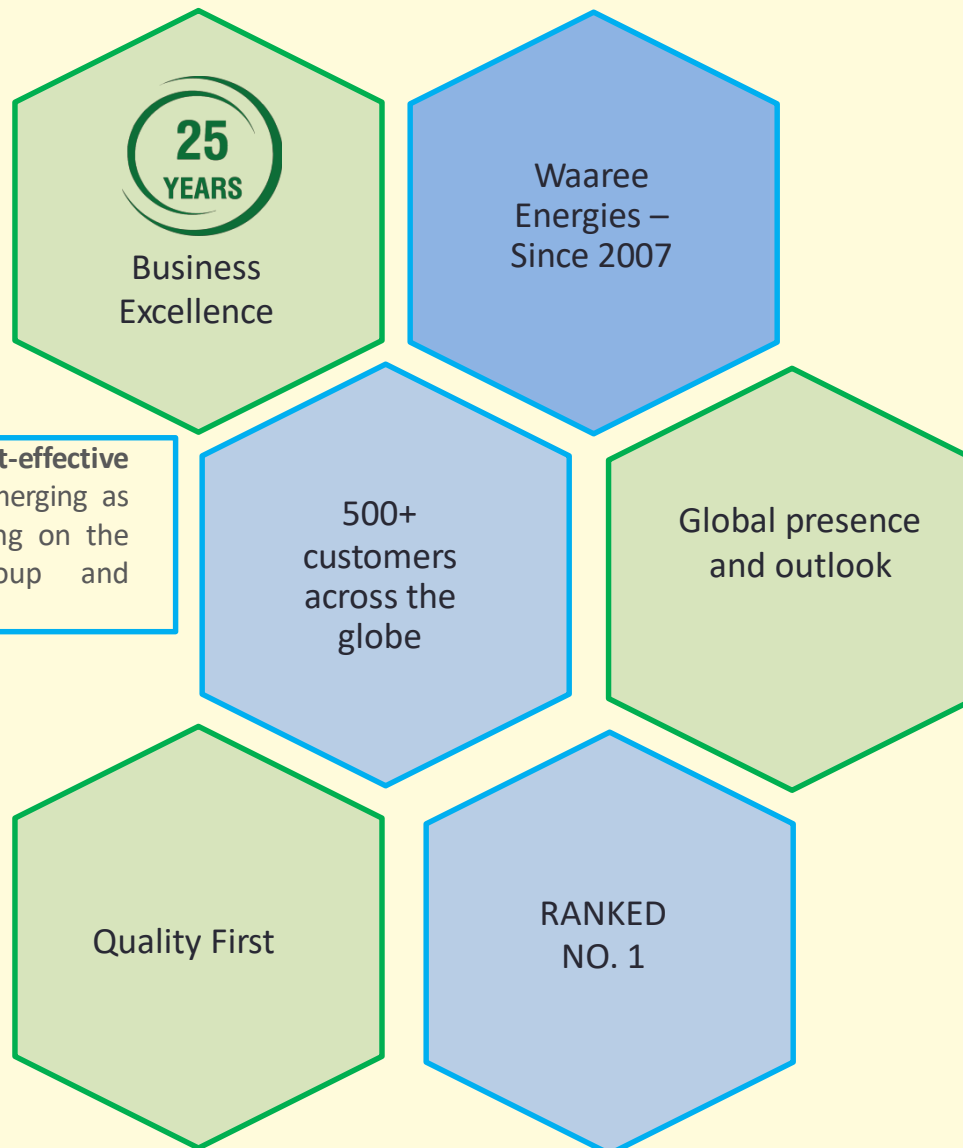
**Our annual
Production
capacity is 500
MW.**

**We have adopted
best in class
technology
platforms and
have partnered
with leading
technology
providers.**

**Our technology
partners are
global leaders
from Italy
Germany, Finland
& Asian
countries like
Taiwan, Korea.**

**Our wide range
of modules vary
from 3Wp to 350
Wp which we
achieve using
different cell
matrices and cell
sizes.**





Vision is to provide **high quality** and **cost-effective** solutions across areas of operations in emerging as well as developed markets while leveraging on the goodwill and experience of the group and Management expertise



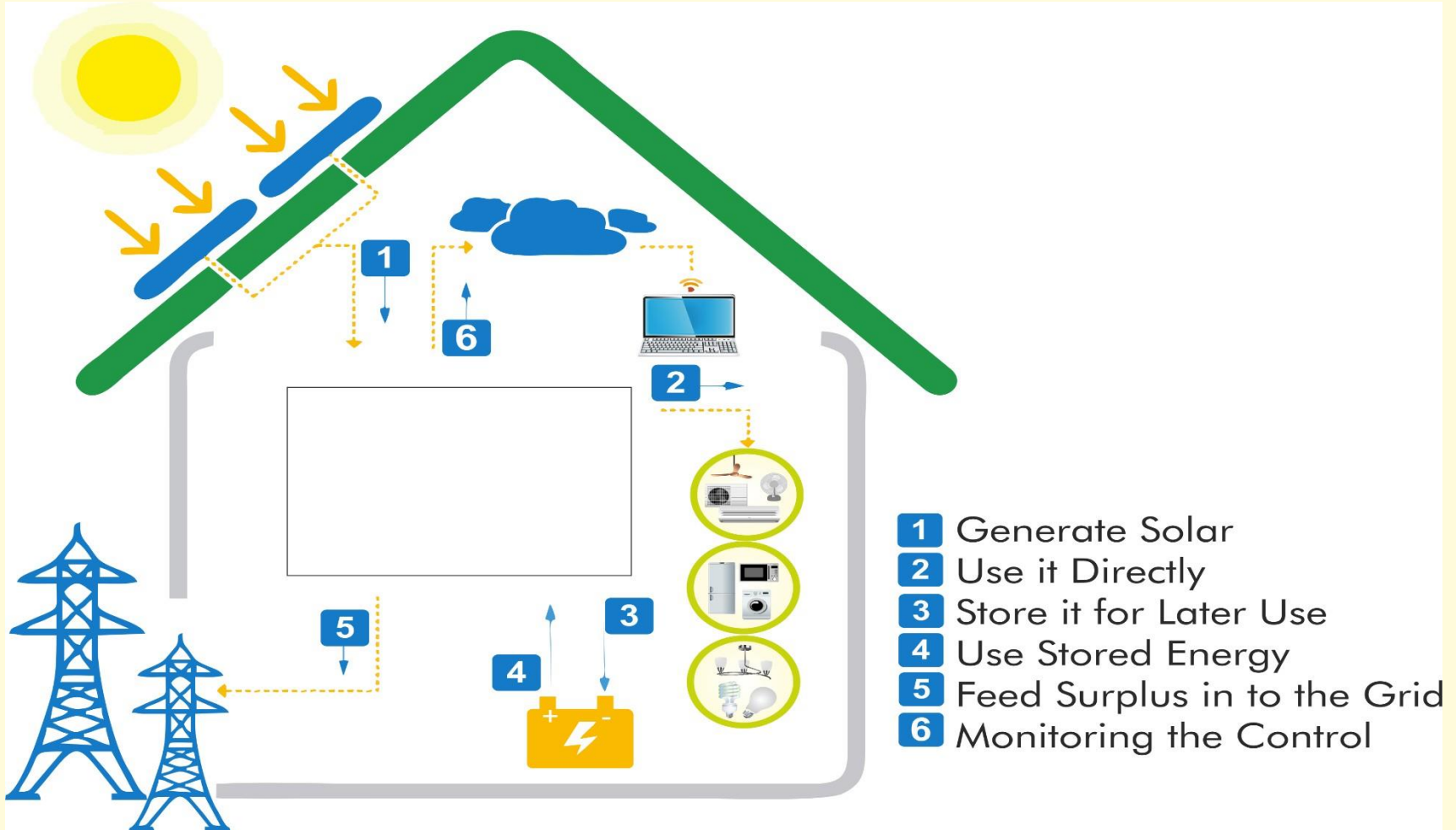


WHY SOLAR SYSTEM ??

- FREE FROM NATURE
- NEVER ENDING SOURCE
- CHEAPER THAN ANY OTHER SOURCE OF ELECTRICITY
- TODAY'S RESOURCE FOR A BRIGHTER TOMORROW!
- INDEPENDENT SOURCE



HOW SOLAR WORKS





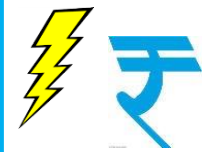
SOLAR
MODULES



EPC SERVICES



POWER SALE



SOLAR WATER
PUMP



ROOF TOP
SOLUTIONS



SOLAR STRING
INVERTERS



PROJECT
DEVELOPER



SOLAR
THERMAL



SOLAR
PRODUCTS





Cost & Quality

Modules Manufacturing –
Production cost/Watt lowest in
the country

Reduced finance cost through
various financial mechanisms

Focus on International Quality
standards. Compliance to
accepted standards and practices

Efficiency

Working capital cycle reduction
Vendor rationalization for
supply chain optimization
Improving productivity of staff
through –
Maximum use of IT and
specialized software – Already
an SAP driven organization
Implementation of proper
review mechanism
Focused sales strategy –
Reduced business verticals

Technology / R&D

Constant focus on increasing
technological efficiency

Evaluating technologies to
improve efficiency through
poise of materials – in the area
of stringing of cells . MoU with
Merlin Solar,USA

Implementing pilot projects to
evaluate a new technology in
structure for reduced space



MONOCRYSTALLINE MODULES:

- ◆ Made out of the Purest form of the Silicon
- ◆ Has crystal cuts on the edges
- ◆ Efficiency between 15 to 18%
- ◆ Can tolerate more heat than Polycrystalline modules
- ◆ Mono crystalline Panels are Space efficient
- ◆ Mono crystalline Panels live the Longest
- ◆ Tend to perform better than poly in Low Light Conditions





POLYCRYSTALLINE PANELS:

- ◆ Made out of multiple silicon (mixture)
- ◆ Has Square Cuts on the Edges
- ◆ Lower Heat Tolerance than Mono crystalline
- ◆ Efficiency of panels between 13-16%
- ◆ Poly crystalline are Lower space efficient





OTHER TYPES:

- ◆ **Thin Film Modules**
 - ◆ Efficiency of 7 – 13%
 - ◆ Costliest Module
 - ◆ Rarely found
 - ◆ Low Space Efficiency
 - ◆ Degrade faster than any other modules
- ◆ **BIPV Modules**
 - ◆ Can be installed anywhere (Eg. Facades, Roof, windows, Walls)
 - ◆ Expensive
 - ◆ Can Be made Personalized
 - ◆ Efficiency of 12 – 18%
- ◆ **Merlin Modules**
 - ◆ Foldable Panels
 - ◆ Efficiency of 15 – 18%
 - ◆ Expensive Modules
 - ◆ Only Personalized





KEY FEATURES:

- ◆ **High module conversion efficiency (up to 18 %) through superior manufacturing technology**
- ◆ **Glasses with Anti-reflective coating improves light absorption and reduces surface dust**
- ◆ **Excellent performance in low-light irradiance environment**
- ◆ **Entire module certified to withstand high wind loads (2400 Pascal) and snow loads (7200 Pascal)**
- ◆ **Anodized Aluminum Frame > 15 micron Provides High salt mist resistance**
- ◆ **Strengthened module frame ensures dependable performance, even through harsh weather conditions**
- ◆ **IP 67 rated MC4 compatible connectors to ensure Highest reliability**





QUALITY :

- ◆ **Rigorous quality control meeting the highest international standards: ISO 9001: 2008, ISO 14001: 2004 and ISO 18001: 2007.**
- ◆ **Regular audited production/ quality processes from international accredited agencies / companies.**
- ◆ **Modules also tested as per IEC 68 standards, IEC 61215, IEC 61730 1&2, IEC 60068-2-68, IEC 61701, IEC 62716 to ensure long term performance .**
- ◆ **Positive tolerance modules 0/+5 %.**
- ◆ **PID Free Modules with long term reliability.**
- ◆ **100% Pre & Post lamination EL testing to ensure Error Free modules.**
- ◆ **Raw materials from globally known certified manufacturers**





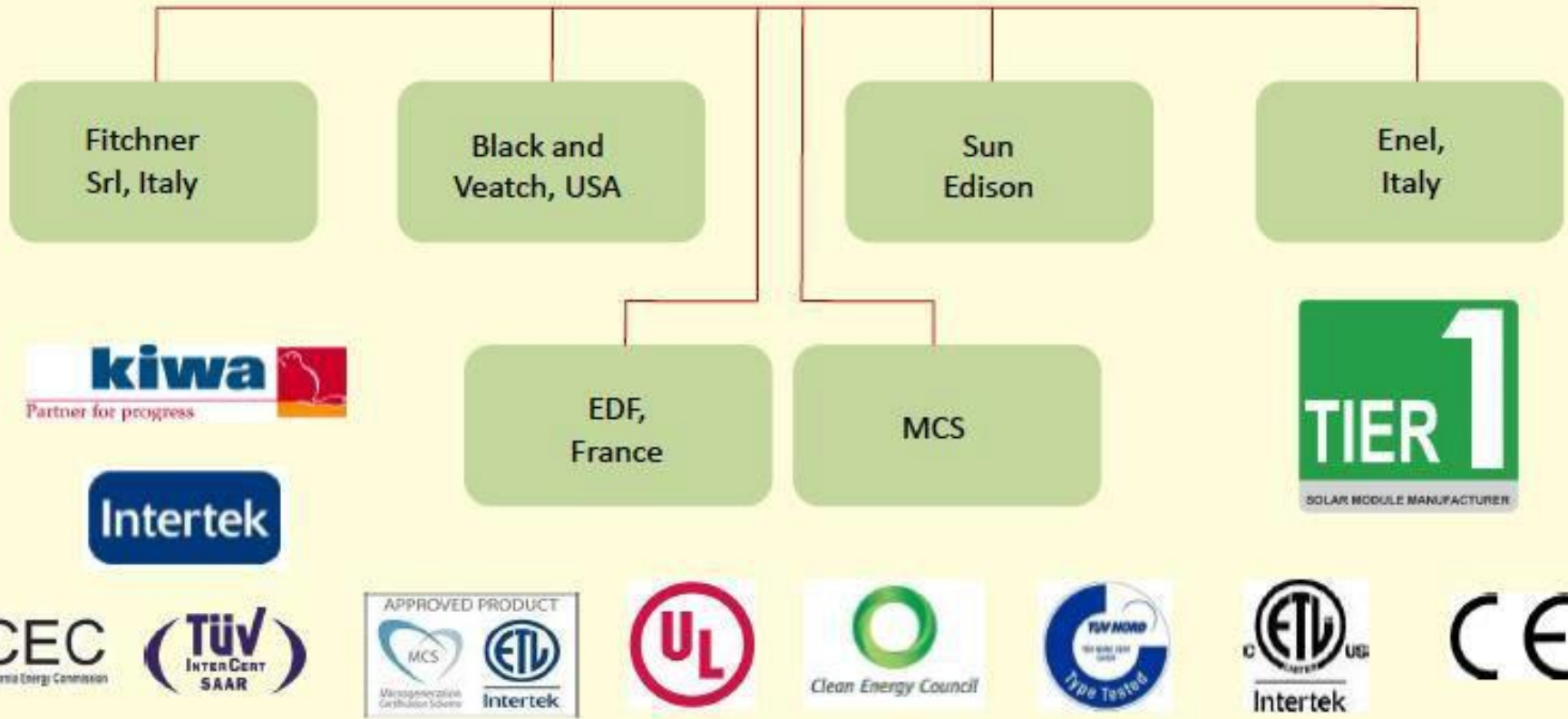
OUR STRENGTHS :

- ◆ One of the largest & oldest modules manufacture of India
- ◆ Manufacture of Mono & Poly crystalline Modules BIPV Modules and Merlin Modules
- ◆ Highly-trained , Skilled & motivated technical manufacturing Team
- ◆ High end machinery
- ◆ Modules Designed to cater wide range of applications , customized modules for special applications
- ◆ In-house reliability testing capability for solar modules .
- ◆ Precision data recording & supervision for all qc points.
- ◆ End to end tractability all the way from module back to the raw materials.





Successful Audits



ISO 9001:2008 | ISO 14001:2004 | OHSAS 18001:2007

IEC 61215 | IEC 61730-1&2 | IEC 60068-2-68 | IEC 61701 | IEC 62716



Waaree : Indian Customers



And many more...



WAAREE[®]
One with the Sun

Waaree's Commissioned projects

- 100 MW Projects in andhra pradesh
- 40 MW Project for Adani Power* in gujarat
- 25 MW Project for ROHA Dyechem in rajasthan
- 17 MW Projects for Sharda Construction in maharashtra & Karnataka
- 5 MW Project For Friends Salt Works in Madhya Pradesh
- 5 MW Project For Shree Saibaba Green Power Pvt. Ltd. In Maharashtra
- 5 MW Project for Green Tech Power Pvt. Ltd.
- 5 MW Project for Bhadresh Trading Corporation Ltd. In Madhya Pradesh
- 3 MW Project for Abellon Clean Energy Ltd. In Gujarat
- 2 MW Project for Haldiram Food international
- 1000 KW Project for SSIPL in Haryana
- 640 KW projects for Surat Mahanagar Palika in Surat
- 186 KW project for Growels 101 mall in Mumbai
- 310 KW project for Rajasthan Agriculture Marketing Board
- 1000 KW project for SRG Apparels
- 50 KW Project for Amul Dairy in Vadodara

And many more...

WAAREE[®]

One with the Sun



Address

VARIZONE SOLAR PVT. LTD.
SHOP NO. 2/3, HARI NAGAR NO. 2,
AMRUT NAGAR, OPP. BAPS TEMPLE,
UDHNA MAIN ROAD, SURAT-394210.

Phone

+91 94261 11113
+91 93745 92727

Email & Mail

varizonesolar@gmail.com
varizonesolar@waareepartners.com

Thank You !

