



ABOUT RIENTEC

RIENTEC GmbH is a Vienna, Austria, head-quartered company with competencies underpinned in the nuclear and renewable energy (solar, wind, geothermal, hydro and biomass) related services and technologies. The Company services global markets, focused on working with governments and private sectors by providing creative and flexible products and services that help shape and rebalance business ecosystems.

RIENTEC aims to offer reliable, cost effective and end-to-end solutions to our clients. We operate as a senior leveraged consulting firm with each of our consultants having a tenure averaging 20 years in the nuclear and renewable energy industry. Our broad range of services includes consulting, design, analytical, implementation, documentation and training services

SOLAR CONSULTING SERVICES



RIENTEC GmbH provides consultancy in the area of solar power providing optimum energy solutions to government organizations in building solar parks, to residential & commercial sectors like hotels, resorts, hospitals, institutes, banks, residential buildings and apartments, and to other industrial facilities across the globe. RIENTEC experts have excellent track record in offering the most economical solutions for both on-grid and off-grid solar Photovoltaic (PV) installations. Our wide range of solar services includes:

Solar Power Plant Solutions

- Solar Energy Strategic Planning
- Feasibility Study
- Site Selection and Assessment
- Grid Assessment
- Return on Investment Analysis
- Vendor Evaluation & Selection
- Bidding Process Support

Solar Rooftop

- Off-grid Solar Rooftop
- On-grid Solar Rooftop

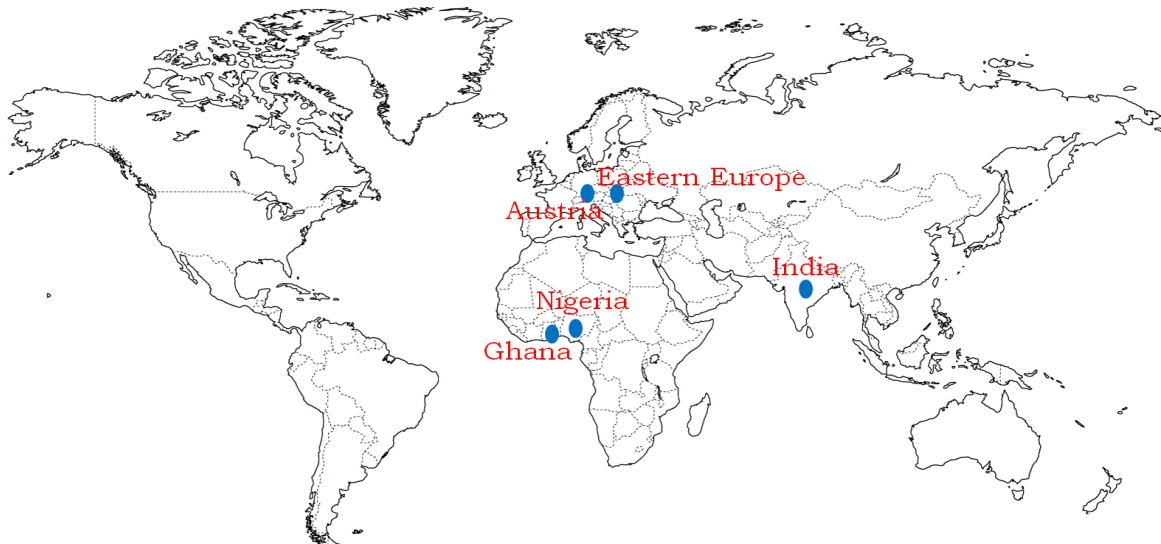
Solar Streetlights

- Standalone Streetlight
- Centralized Streetlight
- High Mast Lights

Overall Technical Support Services

- Project Management
- Design and Development Support
- Procurement and Installation Support
- Operation and Maintenance Support
- Quality Assurance
- Regulatory Support
- Technical Documentation Support

OUR SOLAR CONSULTING EXPERIENCE WORLDWIDE



S.No	Module Type	P_max	V_max	L_max	V_oc	I_sc	Module Size
1	MSS-3W/6V	3	8.5	0.35	10.6	0.4	210 × 175
2	MSS-5W/6V	5	8.5	0.59	10.6	0.66	175 × 275
3	MSS-5W/12V	5	17.5	0.29	21.5	0.33	245 × 275
4	MSS-10W/12V	10	17.5	0.57	21.5	0.62	275 × 335
5	MSS-15W/12V	15	17.5	0.87	21.5	0.99	400 × 350
6	MSS-18W/12V	18	17.5	1.02	21.5	1.18	550 × 340
7	MSS-20W/12V	20	17.5	1.14	21.5	1.23	550 × 340
8	MSS-30W/12V	30	17.5	1.71	21.5	1.98	650 × 450
9	MSS-37W/12V	37	17.5	2.11	21.5	2.27	650 × 530
10	MSS-40W/12V	40	17.5	2.28	21.5	2.71	650 × 540
11	MSS-50W/12V	50	17.5	2.85	21.5	3.07	670 × 555
12	MSS-60W/12V	60	17.5	3.42	21.5	3.95	800 × 670
13	MSS-75W/12V	75	17.5	4.28	21.5	4.6	1198 × 540
14	MSS-100W/12V	100	17.5	5.71	21.5	6.14	1200 × 650
15	MSS-125W/12V	125	17.5	7.14	21.5	7.67	1320 × 650
16	MSS-150W/12V	150	17.5	8.56	21.5	9	1485 × 650
17	MSS-200W/24V	200	36.72	5.45	43.2	6.2	1655 × 985
18	MSS-200W/20V	200	30.2	6.62	37	7.28	1655 × 985
19	MSS-200W/12V	200	17.5	11.4	21.5	14.5	1655 × 986
20	MSS-225W/24V	225	36.72	6.13	43.2	6.98	1655 × 985
21	MSS-250W/20V	250	30.2	8.3	37	9.12	1655 × 985
22	MSS-250W/24V	250	36.72	6.81	43.2	7.35	1655 × 995
23	MSS-280W/24V	280	36	7.77	43.1	8.3	2005 × 990 × 44
24	MSS-295W/24V	295	36	8.2	43.1	8.78	2005 × 990 × 45

Technical Specification of Solar Modules Supplied by RIENTEC & Partners



TECHNOLOGY PARTNERS



The **Austrian Institute of Technology (AIT)** is Austria's largest non-university research organization. The AIT Energy Department offers scientific support in R&D, as well as certified standard testing to PV and PV-related manufacturers all over the world. Since 2003 AIT Energy runs a fully-fledged Photovoltaic Module Test Laboratory, accredited according to EN 17025, for testing of crystalline modules (IEC/EN 61215). Moreover, accreditation was extended for safety testing (IEC/EN 61730) and type approval for thin film modules (IEC/EN 61646). The AIT is further qualified for all corresponding tests and is member in the high quality testing CB-scheme IECCE.

VISION STATEMENT

“Be a global innovative solution provider and consulting organization, delivering services in nuclear and renewable energy sector and imparting world class training to meet the global challenges of health, safety, security and environment.”

Address:

Rientec GmbH (www.rientec.com)
 Floor 10, Tech Gate, Donau City Strasee
 1220 Vienna, Austria.



Macro Solar Systems is one of the starred and recognized firms in Hyderabad, India. Macro Solar Systems are engaged in manufacturing and providing a high end range of solar products. The range of solar products provided by us include Solar Modules, Solar Panels, Solar Streetlights, Solar Water Heaters, Solar Power Packs, Solar street lights, Solar traffic lights, Solar Fans. Along with this, we offer Solar Water Pumping Systems, Solar Lanterns, Solar Home Lighting Systems and Solar Fencing. Our valued clients can avail these systems in different specifications as per their requirements.

MISSION STATEMENT

“To provide creative and flexible products and services that help shape and rebalance business ecosystems”

Contact:

Dr. Kaluba Chitumbo
 Email:k.chitumbo@rientec.com
 Tel: +43(0)6769319989