



# COMPANY PROFILE

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## 1. OVERVIEW

Power source Jordan for Renewable Energy Systems L.L.C was established in 2015 to benefit from the legislation encouraging the use of renewable energy in Jordan. since then Power Source has developed its knowledge and experience in the field of Photovoltaic solar systems and have successfully designed constructed, commissioned and maintained many Solar Systems projects in many cities in Jordan. In the beginning of the year 2016, we have partnered with Seraphim a leading (Tier 1) manufacturer of PV Solar panels. Since then we have benefited from Seraphim Support in different aspects, and we have used their high quality products of our projects that have proven again and again the high quality and high production that in is most cases exceeded our expictations.

## 2. REGIONAL PRESENCE

Whilst our head office is based in Amman, Jordan, we have over the past years completed projects contracts in many cities in Jordan, including Ma'an in the south and Ajlun in the north of Jordan, and are currently considering options in other Middle East neighboring countries.

## 3. OUR OFFERING

### 3.1 PHOTOVOLTAIC SOLAR SYSTEMS

The core ofPower Source business remains the Design Construction, Testing and Commissioning of Grid-Tie and Off-Grid Photovoltaic Systems, including ground installed and roof top systems for residential, industrial and commercial applications. We have extensive experience in all areas of solar systems constructions such as:

- Available area study and selection of best system options.
- Prepare and follow up applications to Authorities to obtain all permits.
- Detailed design including yield calculations, support system design and verification, components sizing calculations etc.
- Engineering documents including material submittals, shop drawings, design reports Etc.
- System construction/Installation.
- Testing and commissioning of the system to cover all requirements of IEC 62446 Guidelines, using professional VP systems testing equipment including SEAWARD Solar Testers and Data loggers.
- System Start-up and obtaining startup permits from Authorities.
- Training of client staff and regular system maintenance.

The latest "count", asat May 2020, is that Power Source has, to date, completed in excess of 150 complete solar systems for residential, industrial and commercial building including villas schools, mosques, restaurants and supermarkets.Our wide range of clients has given us a solid experience in the field, and we had the chance to compare the actual systems yield production with our yield calculations to confirm that our calculations are very close to actual systems yield. Because we understand that our clients are making long term investments, we build the system to stay for lo ng, long time, So we choose all system components to be of Class one material made only by reputable first class manufacturers.





### 3.2 DISTRIBUTION OF PV PANELS

Power Source is the agent and distributor of Seraphim PV panels in Jordan, together with our partner we have provided our customers with the following services:

- We maintain a stock in Jordan: we have managed to keep a stock with reasonable quantity of PV Panels that maybe require by our clients for fast track projects.
- We provide all require technical support for our clients including organizing seminars, reply to client's technical queries and providing technical feedback whenever required.
- Contacting clients though our sales team to promote Seraphim products.
- Provide products warrantee to our clients in Jordan including investigation and trouble shouting and replacement of defected Units (if any)
- We provide very competitive financial offers for PV panels and complete solar systems if required.

### 3.3 DESIGN AND ENGINEERING

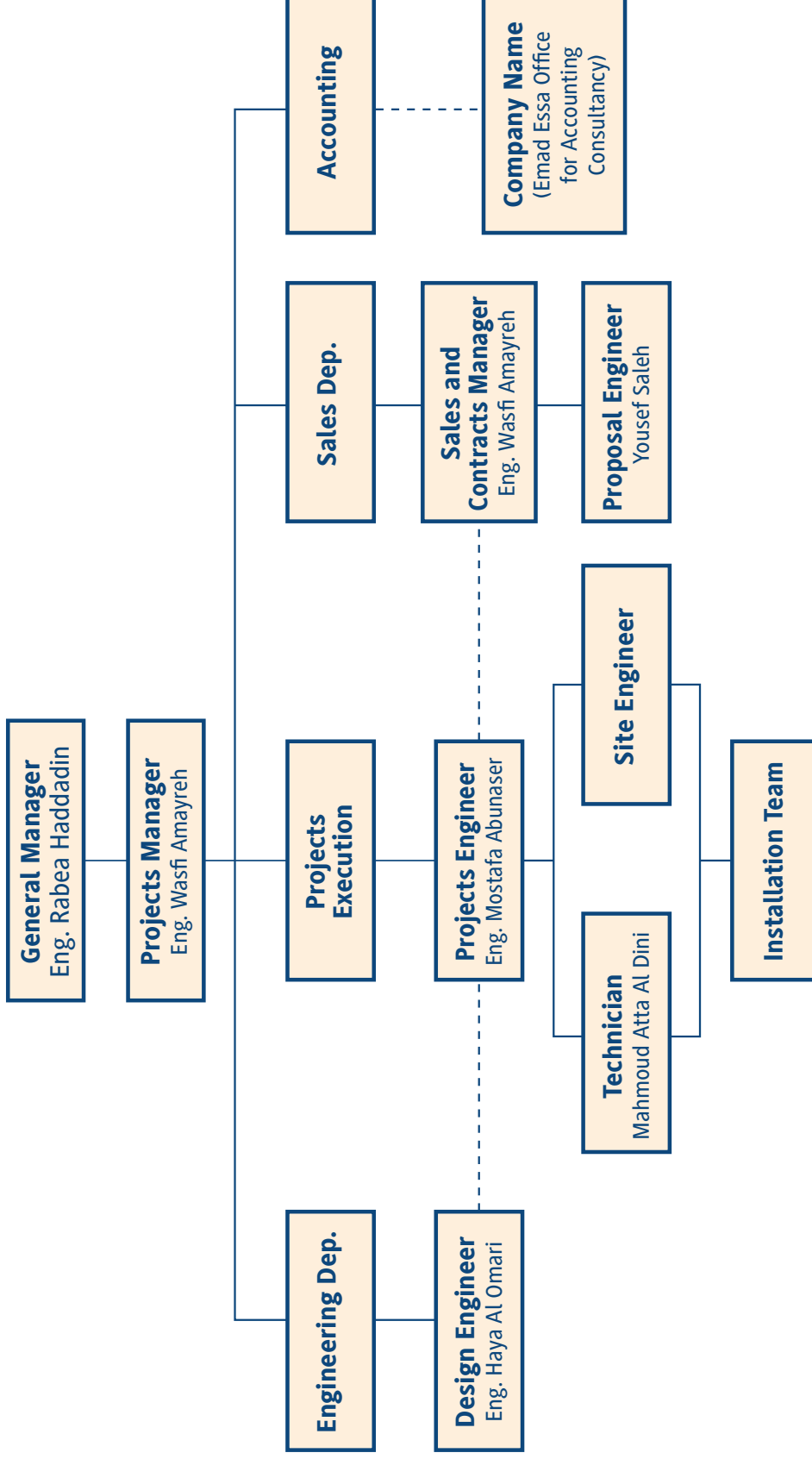
Thought our independent design team, we are providing our client with design and engineering for projects that are in construction phases, we also conduct feasibility studies for clients who want to investigate the possibility of using PV systems to generate electrical energy. Our design team can provide the below services:

- Site survey to propose the best system arrangements/layouts/orientations that fit the site conditions.
- System yield studies.
- Feasibility and Return of Investment studies.
- Detailed engineering includes system design, detailed shop drawings, single line diagrams, wind calculation etc.
- Testing and commissioning procedures according to IEC 62446 Guidelines.

## 4. COMPANY ORGANIZATION CHART

The success of the company depends on the success of the staff to deliver the best service to clients. Power Source believes in the continuous development of staff, especially in the fast developed renewable energy field. Our Staff has been a function of continues training generally provided by Seraphim Solar and by external professional service providers. And since we believe that good engineering is main factor of projects success, we have created dedicated Engineering Department equipped with the most professional softwares used in the field of Solar systems, such as Bluesol, PVSyst and Sketch up. Below is the organization chart of our company. The team work in between our different departments has been the key of success of our company:

## COMPANY ORGANIZATION CHART





## 5. RECENT COMPLETER PROJECTS

During the past year, we have successfully constructed a variety of projects for commercial, industrial and residential applications. That included schools, mosques, restaurants, villas, and shops. Below are some of our completed projects:







### PV system for Barad Omran Al Jubali warehouse

Project status: Connected  
 Location: Amman  
 Type of installation: Roof Top  
 System Power: 62.4 KWp  
 Panels: Seraphim 325 W  
 Inverter: ABB 27.6 kw QTY:2



### PV system for Al-Wehdat Club

Project status: Connected  
 Location: Amman  
 Type of installation: pitch tine roof  
 System Power: 46.2 KWp  
 Panels: Seraphim 330 W  
 Inverter: Kostal-Piko-20 kw ,QTY: 2



### PV system for Hekaya Restaurant

Project status: Connected  
 Location: Madaba  
 Type of installation: Roof Top  
 System Power: 80.64 KWp  
 Panels: Seraphim 320 W  
 Inverter: Kaco 5010+20+ kw



### PV system for Al Wihdat Camp Services Committee

Project status: Connected  
 Location: Amman  
 Type of installation: Roof Top  
 System Power: 15.27 KWp  
 Panels: Seraphim 325 W  
 Inverter: Kaco 15 kw





### PV system for American Hospital

Project status: Connected  
Location: Al Mafrag  
Type of installation: Roof Top  
System Power: 18.8 KWp  
Panels: Seraphim 325 W  
Inverter: SMA 10 kw QTY: 2



### PV system for Community Rehabilitation Association

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 29.25 KWp  
Panels: Seraphim 325 W  
Inverter: ABB 27.6 kw



### PV system for Community Rehabilitation Association

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 10.08 +25.35 KWp  
Panels: Seraphim 325 W  
Inverter: ABB 27.6 + 8.5 kw



### PV system for Um Abhara School

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 21.76KWp  
Panels: Seraphim 320 W  
Inverter: Kostal 20 kw







### PV system for Iskan Al Kahrba School

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 61.8 KWp  
Panels: Seraphim 325 W  
Inverter: Kaco 15 kw + ABB 4.0 kw



### PV system for Community Rehabilitation Center

Project status: Connected  
Location: Al Baqaa  
Type of installation: Roof Top  
System Power: 24.75 KWp  
Panels: Seraphim 330 W  
Inverter: Kostal 20 kw



### PV system for Manshiat Bani Hassan Association- In cooperation with Mercy Corps

Project status: Connected  
Location: Al mafraq  
Type of installation: Roof Top  
System Power: 4.62 KWp  
Panels: Seraphim 330 W  
Inverter: ABB 4 kw



### PV system for Engineering Consulting Center -Sajdi

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 10.89 KWp  
Panels: Seraphim 330 W  
Inverter: ABB 10 kw





### PV system for Al Bardini Commercial Complex

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 45 KWp  
Panels: Seraphim 325 W  
Inverter: ABB 27.6 kw + ABB 12.5 kw



### PV system for Princess Basma Teaching Center and Clinic - Jordanian Hashemite Funds Bid.

Project status: Connected  
Location: Irbid  
Type of installation: Roof Top  
System Power: 35.45 KWp  
Panels: Seraphim 325 W  
Inverter: ABB 27.6 + ABB 8.5 kw



### PV system for Sear Jasmine Restaurant- In cooperation with Usaid

Project status: Connected  
Location: Zarqa  
Type of installation: Roof Top & Canopy  
System Power: 59.4 KWp  
Panels: Seraphim 330 W  
Inverter: ABB 27.6 QTY: 2



### PV system for Al Inma Centers - Amman

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 22.36 KWp  
Panels: Seraphim 260 W  
Inverter: ABB 20 kw (Italy)







### PV system for Aqila Mosque in Amman

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 10.4 KWp  
Panels: Seraphim 260 W  
Inverter: Kostal PIKO 10 (Germany)



### PV system for Al Wali Restaurant in Amman

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 17 KWp  
Panels: Seraphim 310 W  
Inverter: Kostal PIKO 17 (Germany)



### PV system for Mrs.Helien Ejelat Villa

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 6.5 KWp  
Panels: Seraphim 320 W  
Inverter: Kaco 6.5 kw



### PV system for Mr.Aysar Halaseh house

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 4.55 KWp QTY:2  
Panels: Seraphim 325 W  
Inverter: ABB 4.0 kw







### PV system for Mr. Ayman Salam villas

Project status: Connected  
Location: Amman  
Type of installation: ground installation  
System Power: 17.55 + 4.55 + 4.25 KWp  
Panels: Seraphim 325 W  
Inverter: Kaco 15kw+ ABB 4.0 kw QTY:2



### PV system for Dr. Haitham Al-Bazn building

Project status: Connected  
Location: Madba  
Type of installation: Roof Top  
System Power: 4.62 KWp QTY:2  
Panels: Seraphim 330 W  
Inverter: ABB 4.0 kw



### PV system for Mr. Mohammad Qeshta building

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 4.225 KWp QTY:6  
Panels: Seraphim 330 W  
Inverter: ABB 4.0 kw



### PV system for Mr. Riad Abu Dayeh villa

Project status: Connected  
Location: Irbid  
Type of installation: Canopy  
System Power: 16.83 KWp  
Panels: Seraphim 330 W  
Inverter: Kostal-piko-17 kw





### PV system for Al-Kholafaa Mosque

Project status: Connected  
Location: Al-Mafraq  
Type of installation: Roof Top  
System Power: 11.05 KWp  
Panels: Seraphim 325 W  
Inverter: Fronius-SYMO-10 kw



### PV system for Hajj Eid Al-Awamleh Mosque.

Project status: Connected  
Location: Amman  
Type of installation: Roof Top  
System Power: 15.6 KWp  
Panels: Seraphim 325 W  
Inverter: Kostal-Piko-15 kw



### PV system for Al-Ghofran Mosque.

Project status: Connected  
Location: Al-Mafraq  
Type of installation: Roof Top  
System Power: 11.7 KWp  
Panels: Seraphim 325 W  
Inverter: Kaco-10 kw







## 6. COMPANY DOCUMENTATION

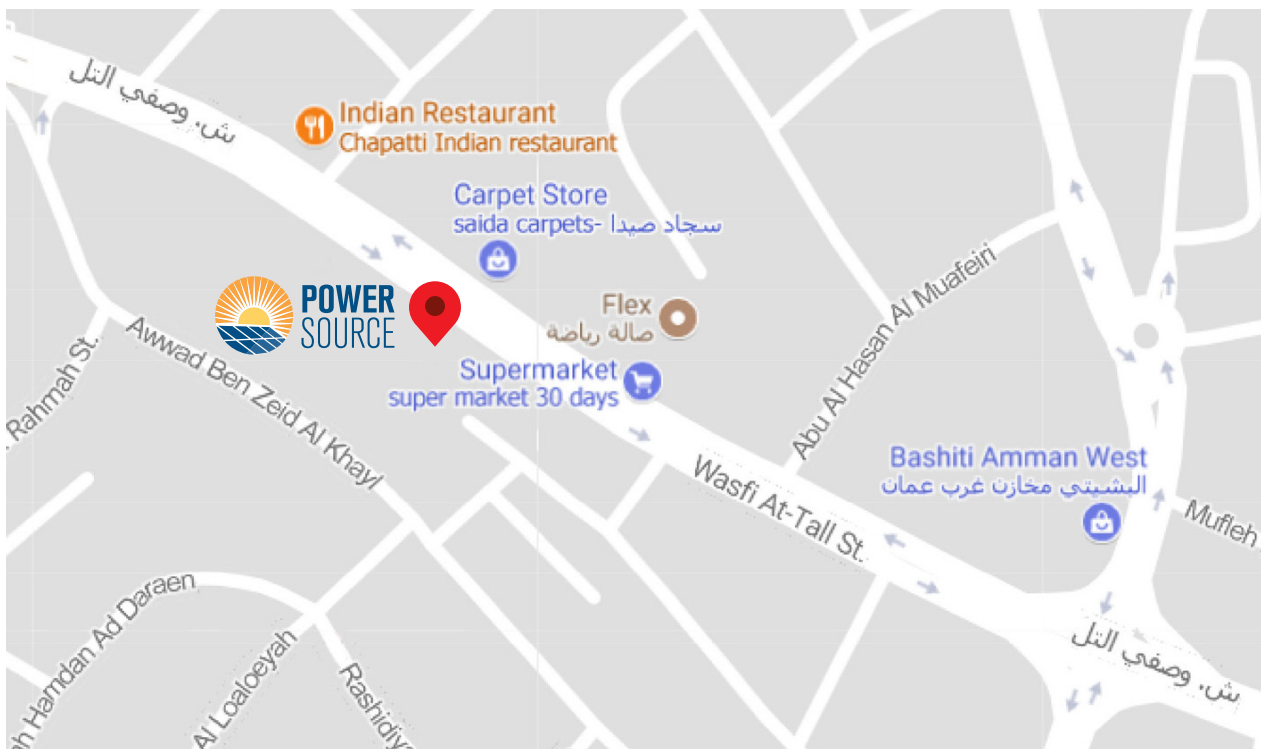
Power Source have obtained all required licenses and registrations required to perform Trading and Construction activities related to Rentable Energy including: design, supply, installation, commissioning and maintain renewable energy systems. Documentations shall be provided upon request.





## 7. CONTACTS

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