

# LEBANESE SUSTAINABLE ENERGY

البنانية للطاقة البديلة

CONVENTIONAL  
ECONOMY SYSTEM

NO AP03/24

Lebanese Sustainable Energy - Riad Soloh street / Bustan Bld / Tripoli -Lebanon / Tel 70-001747 / 06-205492

**Quotation**

STANDARD 2

**Project** 32A Peak Load / Average 75% : 24A Nominal Load -APS COMPLETE SYSTEM  
**System** Indoor or Outdoor installation **Estimated Battery Lifetime 24months on average**

**Model** EAPSG32S2 - Standard2 Size **PRICING** 16/03/2024  
**BATT.TYPE** Tall Tubular Lead Acid Battery ( Flooded ) **VALID**  
Lebanon - up to  
**RANGE LOC** 200m above the sea **HIGH FREQUENCY INVERTER SYSTEM**

**G.NOTES** \* Transportation & Handling Fees covers North coast areas down to Damour zone and/or (Up to 200M above sea level)  
\* Battery rack & inverter mount are optional for all Hybrid High/Low Frequency applications.  
\* Cabling pricing are not included. Cabling final pricing are based to distance needed

| I.Code      | Technical Description  | QTY       | Unit/ Price \$ | Total USD |
|-------------|--|-----------|----------------|-----------|
| SPF-5000    | GROWATT 5000W 48vdc High-Frequency Off Grid Solar inverter/ MPPT 100A- 120-430 VDC       | 2         | \$348.00       | \$696.00  |
| ZX220-TB    | ZUNAX TUBULAR LEAD ACID BATTERY / 220Ah-C20 /12v / 1800 cycle @80 DOD                    | 12        | \$198.00       | \$2,376   |
| CBL25C      | 25mm Copper Single Line (Black Red) for Battery wiring                                   | 24m       | \$4.48         | \$108     |
| COS25       | 25mm/ open 8mm Cos type battery clamp.   | 30        | \$0.36         | \$11      |
| MCCB10      | MCCB DC Battery Circuit Breaker (Common) 120A VDC  | 1         | \$32.00        | \$0       |
| BT12 INVT   | 12- Battery rack & inverter back holder "table manner" (Steel) in white color (Optional) | 1         | \$340.00       | \$0       |
| BT12        | 12- Battery rack - "table manner" only (Steel) in white color (Optional)                 | 1         | \$220.00       | \$0       |
| ATS-1P      | ATS (Complete) up to 80A max mono phase  | 1 setup   | \$210          | \$210.00  |
| DSP-1P      | Indoor Control Display- Multiple in-out AMP & Volt Meter protection + C.Breakers         | 1 setup   | \$100.00       | \$100.00  |
| LBC6.0-4    | 6.0mm x 4 lines Power Cable on grid ( White Color ).                                     | Per 1/m   | \$8.80         | \$0.00    |
| ROS560      | ROSEN 560w HafCell MonoC. PERC Photovoltaic Solar Panel Premium Class A                  | 16 Panels | \$116.00       | \$0       |
| S-RACK      | Customized Fortified,Rust Resistant Rack+ Complete Base& Setup+ all accessories.         | 16 Panels | \$55.00        | \$0       |
| S-RACK-INST | Outdoor Solar Rack assembly & Welding works including labour and other installation.     | 16 Panels | \$10.00        | \$0       |
| CB-VP       | Panel DC-Circuit Breaker - Multi Surge Protective Panel Circuit Indoor Panel board       | 2 setup   | \$78.00        | \$0       |
| TRSD25M     | Liban Cable - TORSAGE Aluminium Panel2MPPT Black outdoor cable ( 16mm x 2 )              | Per 1/M   | \$1.00         | \$0       |
| TRSD25M     | Liban Cable or Comm Scope Italy - PV Solar Cable- Copper DoubleShield 6mm                | Per 1/M   | \$3.40         | \$0       |
| OUTBX1      | (13x13x7) Outdoor Junction Box + Copper Twin wire screw connectors. (25mm)               | 1         | \$8.00         | \$0       |
| ACCS1       | Outdoor/ Indoor accessories:(Roll Bolt Screw, Cable tie, Wire Fastner, Nail Plugs)       | Complete  | \$13.00        | \$0       |
| TRSP        | General Handling charges & Transportation that includes outdoor panel racks material     | 1 setup   | \$225.00       | \$225.00  |
| INST        | Complete Installation (Indoor / Outdoor)   | 1 setup   | \$416.00       | \$416.00  |
| WRTY201     | ALL TECH INSURANCE (Risk Cover) & Free unlimited maintenance + Follow up vists           | 18 MONTHS | INCLUDED       | INCLUDED  |

TOTAL AMOUNT US \$4,142.00  
Discount % USD \$0.00  
**NET TOTAL AMOUNT \$4,142.00**

**Duration** Battery Consumption time-frame @75% 24A constant load from fully charged down to 80% depth of discharge: 3.6hrs

**NOTE** Prices includes the ALL TECH INSURANCE (REF.CODE 101)

**Payment** 80% upon agreement/ 20% upon delivery  
**Q,Validity** Prices are subject to change without further notice

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