

# LEBANESE SUSTAINABLE ENERGY

للبنانية للطاقة البديلة

CONVENTIONAL  
ECONOMY SYSTEM

NO AP05/24

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

**Quotation**  
STANDARD 1

**Project** 48A Peak Load 16A x 3 / Average 75%: 12A Nominal Load -8960W OFF-GRID COMPLETE SYSTEM  
**System** Indoor or Outdoor installation **Estimated Battery Lifetime 24months on average**

**Model** EAPSG48S1 - Standard1 Size **PRICING** 4/5/2024  
**BATT.TYPE** LITHIUM LiFep04 Battery ( Wall Mount ) **VALID**

**RANGE LOC** Lebanon - up to 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	3	\$348.00	\$1,044.00
Pk4.8k	Pkenergy Lithium Battery_LiFep04 100Ah- 4.8kWh / 48VDC 6000Cycle @80% DoD / Wall Mount	4	\$1,150.00	\$4,600
CBL25C	25mm Copper Single Line (Black Red) for Battery wiring	32m	\$4.48	\$143
COS25	25mm/ open 8mm Cos type battery clamp.	46	\$0.36	\$12
MCCB10	MCCB DC Battery Circuit Breaker (Common) 120A VDC	3	\$32.00	\$96
BT8- INVT	8- Battery rack & inverter back holder "table manner" (Steel) in white color (Optional)	2	\$218.00	\$0
BT8	8- Battery rack - "table manner" only (Steel) in white color (Optional)	2	\$128.00	\$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	\$1,856
S-RACK	Customized Fortified,Rust Resistant Rack+ Complete Base& Setup+ all accessories.	16 Panels	\$55.00	\$880
S-RACK-INST	Outdoor Solar Rack assembly & Welding works including labour and other installation.	16 Panels	\$10.00	\$160
CB-VP	Panel DC-Circuit Breaker - Multi Surge Protective Panel Circuit Indoor Panel board	2 setup	\$78.00	\$0
TRSD25M	Liban Cable - TORSAD E 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
ACSS1	Outdoor/ Indoor accessories:(Roll Bolt Screw, Cable tie, Wire Fastner, Nail Plugs)	Complete	\$13.00	\$13
TRSP	General Handling charges & Transportation that includes outdoor panel racks material	1 setup	\$288.00	\$288.00
INST	Complete Installation (Indoor / Outdoor)	1 setup	\$650.00	\$650.00
WRTY201	ALL TECH INSURANCE (Risk Cover) & Free maintenance + Follow up vists	24 MONTHS	INCLUDED	INCLUDED
WRTY201	ALL TECH LITHIUM LiFep04 BATTERY INSURANCE / EXCHANGE & REPAIR	18 MONTHS	INCLUDED	INCLUDED

**TOTAL AMOUNT US** \$10,052.00  
Discount % USD \$0.00  
**NET TOTAL AMOUNT** \$10,052.00

**Duration** Battery Consumption time-frame @75% 36A constant load from fully charged down to 80% depth of discharge:2.3hrs

**NOTE** Prices includes the ALL TECH INSURANCE (REF.CODE101)

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

[www.lse.com.lb](http://www.lse.com.lb)