

# LEBANESE SUSTAINABLE ENERGY

البنانية للطاقة البديلة

ALLDAY - upgradable system

PREMIUM GRADE A+

dedicated load

NO OFFHF01/24

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

Quotation

LIMITED 0

**Project** 100A Peak Load / Average 80% : 80A Nominal Load 39040W OFF-GRID COMPLETE SYSTEM  
**System** Indoor or Outdoor installation **Estimated Battery Lifetime 40months on average**

**Model** OFFGP-100AL0 - Limited0 Size **PRICING** 1/1/2024  
**BATT.TYPE** Lithium - LiFeP04 **VALID**

**RANGE LOC** Lebanon - up to 200m above the sea **MODULAR / LOW FREQUENCY INVERTER SYSTEM**

- G.NOTES**
- \* Transportation & Handling Fees are basic within North Coast areas to Damour and Up to 200M above sea level
  - \* Battery rack & inverter mount mentioned are optional for all Hybrid High/Low Frequency applications.
  - \* Outdoor Pv Solar Cable and its relating hose costs are not included and are considerable due to distances needed.
  - \* Any extra works on panel steel structure due to certain circumstances will subject system/s to additional costs.

I.Code	Technical Description	QTY	Unit/ Price \$	Total USD
SUN-16K1P	DEYE Premium Hybrid inverter -Mono-P Output: 16kW / PV125-450v/ 3 MPPT 20800w	2	\$3,426.00	\$6,852.00
PK200	PKENERGY LITHIUM 200Ah LiFePO4 6000cycle @85% DoD /48VDC/ 9.6kWh *RackMount*	12	\$2,030.00	\$24,360
CBL25C	25mm Copper Single Line (Black Red) for Battery wiring	180m	\$4.48	\$806
CBL75C	75mm Copper Single Line (Black Red) for Battery wiring	24m	\$15.80	\$379
COS25	25mm/ open 8mm Cos type battery clamp.	48	\$0.36	\$17
COS75	75mm/ open 8mm Cos type battery clamp.	16	\$1.35	\$21
BB255	DC CABLE COMBINER BUSBAR + External Box 10x08cm (Complete)	1	\$210.00	\$210
ATS-1P	ATS (Complete) Interface and Cabinet up to 160A max mono phase	1 setup	\$750	\$750.00
DSP-1P	Indoor Control Display- Multiple in-out AMP & Volt Meter protection + C.Breakers	1 setup	\$220.00	\$220.00
LBC10.0-4	10mm x 4 lines Power Cable on grid ( White Color ).	Per 1/m	\$16.00	\$0.00
YANG-70	YANGTZE 700w HafCell MonoC.PERC Photovoltaic Solar Panel Premium Class A+	64 panels	\$182.00	\$11,648
S-RACK	Customized Fortified,Rust Resistant Rack+ Complete Base& Setup+ all accessories.	64 Panels	\$55.00	\$352
S-RACK-INST	Outdoor Solar Rack assembly & Welding works including labour and other installation.	64 Panels	\$10.00	\$640
CB-VP	Panel DC-Circuit Breaker - Multi Surge Protective Panel Circuit Indoor Panel board	6 setup	\$78.00	\$468
TRSD25M	Liban Cable - TORSADe Aluminium Panel2MPPT Black outdoor cable ( 16mm x 2 )	Per 1/M	\$1.00	\$0
CPR-LD6	Liban Cable or Comm Scope Italy - PV Solar Cable- Copper DoubleShield 6mm	Per 1/M	\$3.40	\$0
ECH20	CANALI- Outdoor Panel Cable tube protection PVC-FLEX -Grey 20mm	Per 1/M	\$1.12	\$0
OUTBX1	(13x13x7) Outdoor Junction Box + Copper Twin wire screw connectors. (25mm)	6	\$8.00	\$48
ACCS1	Outdoor/ Indoor accessories:(Roll Bolt Screw, Cable tie, Wire Fastner, Nail Plugs)	Complete	\$125.00	\$125
TRSP	General Handeling charges & Transportation that includes outdoor panel racks material	1 setup	\$824.00	\$824.00
INST	Complete Installation (Indoor / Outdoor)	1 setup	\$1,680.00	\$1,680.00
WRTY201	ALL TECH INSURANCE (Risk Cover) & Free unlimited maintenance + Follow up vists	36 MONTHS	INCLUDED	INCLUDED

**TOTAL AMOUNT US** \$49,400.00  
 Discount % USD  
**NET TOTAL AMOUNT** \$49,400.00

**Duration** Battery Consumption time-frame @80% 80A constant load from fully charged down to 80% depth of discharge: 6.5hrs

**NOTE** Prices includes the ALL TECH INSURANCE (REF.CODE 201)

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

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