








Home ENERGY STORAGE



System Total Energy: GBL2.45K3(LFO)



-  Emergency Power Back-up
-  Peak Load Shifting
-  Fixible instalation
-  Support
-  Cost-effective
-  10-year warranty
-  Expandable

IMPORTER:



SOLAR ENERGY DEVELOPMENT Sp. z o.o.
40-145 Katowice
ul. Karłowicza 13/7
NIP: 6342984592

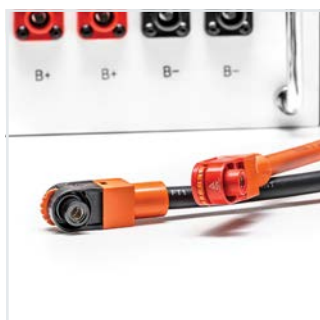
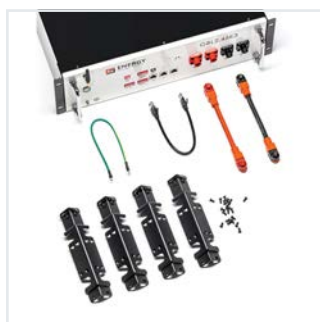
tel.: +48 533 933 539
www.solarenergydevelopment.pl



Solar Energy Development meets the needs of the electricity market and users of renewable energy. Following the example of Western European countries such as Germany, the Netherlands and Switzerland, we want to equip home photovoltaic installations with energy storage. Today, the largest electricity distributors and sellers in Poland have high hopes for the area of energy storage, including Tauron, Enea, PGE. Our activity helps in achieving balance and energy independence, and above all, allows you to turn excess energy into real profit.

Solar Energy Development is the sole supplier of Risen Energy's energy storages in Poland. The Chinese tycoon with over 30 years of experience is one of the world's largest producers and pioneers in the renewable energy market.

Our company employs experts with extensive experience in the power industry. We also work with companies that have been designing, consulting and installing photovoltaic installations for many years.



Technical data



Model	GBL2.45K3 (LFP)
Total Energy*	2.4 kWh
Usable Energy (DC)*	2.2 kWh
Nominal Charge / Discharge Power	1.5 kW
Peak Power (Only discharge)	3.5 kW for 3 seconds
Constant Current(Only discharge)	40 A
Voltage	48~56 Vd.c
Nominal Voltage	51.2 Vd.c
Nominal Current	30 A
Max. Charge Voltage	57.6 V
Max. Recommended DOD (Off-grid)	90%
Operating Condition	Indoor
Operating Temperature Charge	From 0~45°C
Operating Temperature Discharge	From -10~55°C
Dimension (L/W/H)	500 / 442 / 133 mm
WIFI Frequency Range	2400 MHz~2483 MHz
Max. Transmission Power	< 20 dBm
Weight	27.5 kg
Humidity	< 60% (No Condensed Water)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
Case Material	Metal
Color	Black or Grey
Installation	Wall Mounting / Ground Installation
IP rating	IP 20
Protective Class	I
Max. Number of Parallel or Series	8
Warranty	10 years
Communication	CAN / RS485
Protection Mode	Dual hardware protection
Battery Protection	Over-current / Over-voltage / Short circuit / Under-voltage / Over temperature
Safety	Cell CE+CB, Pack TUV (IEC 62619, IEC 62040-1)
Hazardous Material Classification	9
Transportation	UN 38.3

Testing conditions based on temperature 25°C at the beginning of life.

* Total Energy / Usable Energy measured under specific conditions from 0.2C CC-CV.