

POWER KEG

BY FUTURE MOBILITY

BACK UP SYSTEMS



The unit offers pure sine wave outputs.

THE PANEL INCLUDES:

- Input surge arresters for the inverter protection.
- Double pole 63A MCBs for supply to inverter and supply from inverter.
- Hager SF263 63A Changeover switch between Eskom and Inverter
- Three string PV Combiner Box with Double Pole 63A DC Isolators and Surge Protection Device.
- 22 x 58 DF Battery Fuse Links in DF Fuse Holders

The selected 5Kva inverter can be either a Growatt ES Pro or a Mecer SOL SOL-I-AX-5M
1 x 4.8kWh Lithium Iron Phosphate battery pack

Mounted adjacent to the inverter is an integrated DIN Rail mounting DB which is arranged so that the AC, PV and DC are separate. All the above is fully wired and is mounted in a sturdy aluminium framed enclosure with latched door for safety. A terminal rail with suitably sized DIN Rain terminals is provided for all interface wiring.

TECHNICAL SPECS

5 Kva Pure Sine Wave Inverter
4.8kwh Lithium Battery
Integrated Combiner Box
Battery fuses for positive and negative
Hager change over switch for emergencies
SABS 10142 Compliant.

SYSTEM INTERFACE


OEM recommended input MCB rating
Feed cable sized iaw SABS 10142
Separate Essential Loads DB with Earth Leakage SABS compliant

SAFETY

Equipment mounted in an aluminium enclosure limiting direct contact
Labelling and color coding iaw SABS 10142
All MCB sized for anticipated loads.

FUTURE MOBILITY

+2782 450 4441 

www.future-mobility.co.za
martin@future-mobility.co.za 



FORWARD THINKING SOLUTIONS