

Superbright Power Unit™

"Patents Pending"

Multifunctional
Battery Power Unit
with Integrated LED Lights



Innovative Technologies Pty Ltd



Superbright Power Unit™

The Superbright Power Unit™ is specifically designed to provide Renewable Off-Grid Battery Power to Residential Apartments and Units, Townhouses, High Rise Buildings and Business Offices that do not have rooftops to support conventional Rooftop Solar Panels.

The Superbright Power Unit™ is also compatible and rechargeable via our unique Vertically Installed Renewable Energy Products; namely the: 'Solar Shutters®' 'Superlight Solar Panels™' and 'Superbright Solar Panels™'

Alternatively if renewable energy is not available the Superbright Power Unit™ can simply be recharged by plugging it into the main electricity power socket via the main power cord located at the back of the Unit which will then re-charge all of the batteries within the Unit. It is best to do this during main electricity Off-Peak Times.

The Superbright Power Unit™ has been developed and patented by the Australian Company 'Innovative Technologies Pty Ltd' is now being launched in global markets.

The Superbright Power Unit™ is a "Multifunctional Battery Power Unit" that is a self-contained renewable battery power source that is an aesthetically attractive Home or Business Office Rechargeable Power Unit.



Superbright PowerUnit™

with lights On!

The Superbright Power Unit™ is very user-friendly and mobile for easy movement with plug-and-play functionality, it features a multifunctional 'Electrical Control Panel' providing AC Power sockets, USB connection points, and Control and Monitoring of the integrated electrical system and simultaneous connection of multiple home and business office electrical appliances.

This "Multifunctional Battery Power Unit" is designed to contain multiple rechargeable batteries and inverters of variable sizes which are electrically connected together and interconnected for a combined Unit Power Output via the integrated 'Electrical Control Box' at the top section of the Unit.

The Superbright Power Unit™ enables the Off-Grid connection and Power Supply to Home Appliances such as; Fridges, Televisions, Air-conditioning, Heaters, Security Alarms etc. Or Office Appliances such as; Computers, Printers, Faxes, Lights, Fridges, Security Alarms etc.



The Top PV Solar Cell Box contains a PV Solar Cell Box which generates Renewable Solar Energy Power to the relatively smaller first/top Battery directly beneath the PV Solar Cell Box when exposed to any daylight/sunlight via a window or balcony or outdoor scenario.

The Renewable Solar Energy will then provide AC Power via the Power Plug Socket and USB Ports in the Electrical Power Box to charge smaller electronic devices that require frequent daily use such as Laptop computers and mobile phones.

The four electrical switches found on the Electrical Power Box turn on the LED Light Panels found on the front and side panels of the Multifunctional Battery Power Unit, and also the LED Light Panel within the PV Solar Cell Panel at the top of the unit.

This enables the whole Multifunctional Battery Power Unit to illuminate, creating renewable off-grid lighting for a whole room or office.

- 1. Power Outlet and USB ports
- 2. Power meters
- 3. Light switches
- 4. PV Solar Cells

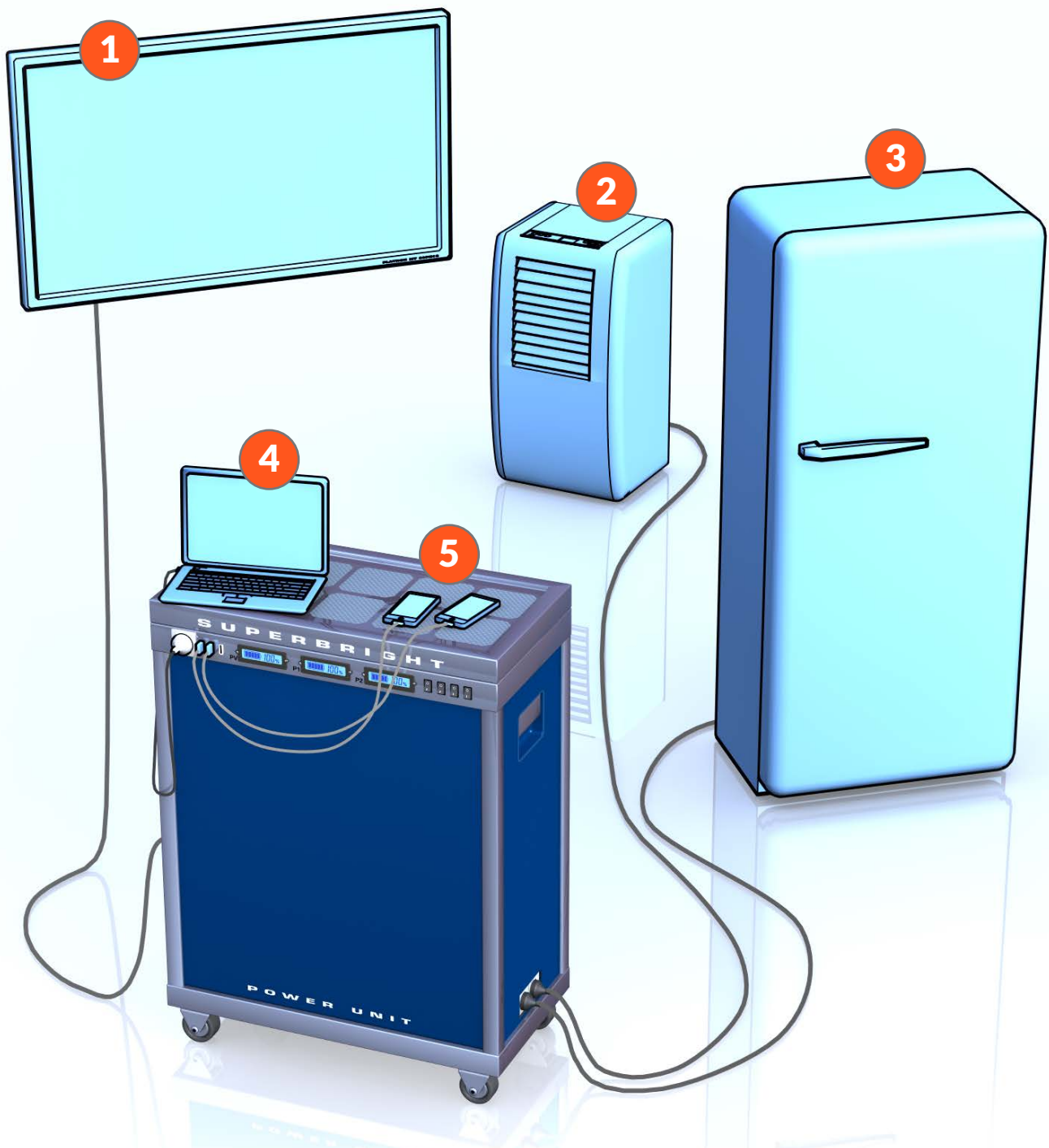
- 5. Power Outlets x 2
- 6. Battery x 3
- 7. Power Outlets x 2



Superbright Power Unit

Electrical Appliance Connectivity

1. Television
2. Air Conditioning Unit
3. Refrigerator
4. Laptop
5. Mobile Phones



Superbright Power Unit

Compatible with other
Superbright Systems

Solar Shutters® Unit



Superbright Solar™ Panels



The Superbright Power Unit™ is compatible and rechargeable via our unique Vertically Installed Renewable Energy Products; namely the: 'Solar Shutters®' Superlight Solar Panels™ and 'Superbright Solar Panels™'



Superbright ECO Power Unit™

“Patent Pending”

The ‘**Superbright ECO Power Unit**’ is the **ECONOMY** model of the bigger ‘Superbright Power Unit’™

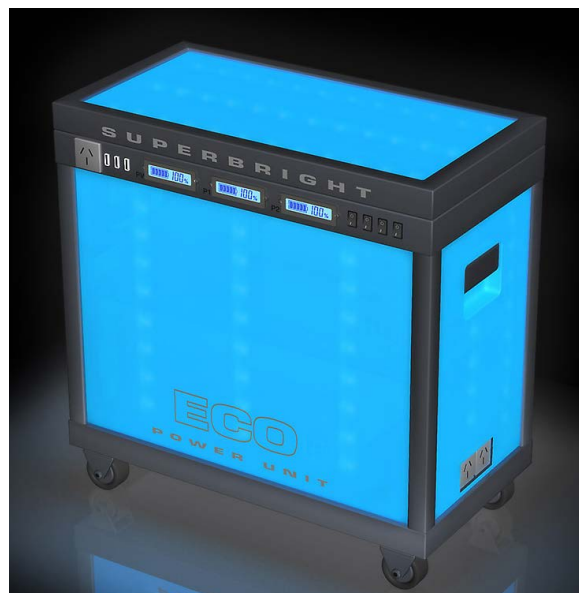
It contains all of the same user-friendly unique features and functions of the ‘Superbright Power Unit’ providing a renewable off-grid clean energy source which is ideal for smaller units, apartments or business offices, with only a couple of variations to make it more affordable when less off-grid back-up Power Output is required.

It is one third smaller in size than the bigger ‘Superbright Power Unit’ It has a different renewable battery system with rechargeable AGM / Gel Batteries instead of the more expensive Lithium-Ion Batteries found in the bigger unit.

The ‘**Superbright ECO Power Unit**’ still delivers considerable Watt Power Output for its size and is capable of simultaneously powering numerous large home appliances during a main power blackout.

The ‘**Superbright ECO Power Unit**’ can be recharged via the main electricity power source when it is available after a blackout or during off-peak times when the cost of main electricity supply is cheaper.

The ‘**Superbright ECO Power Unit**’ also lights up to illuminate a large room in the house or office.



Superbright Power Unit

Technical Specifications

Technical Specifications	Superbright Power Unit Model P1	Superbright Power Unit Model P2	Superbright Power Unit Model P3
Watt Power Output (Usable)	6 KWh	4 KWh	3 KWh
Total Watt Power	6.7 KWh	4.5 KWh	3.5 KWh
Internal Batteries	Lithium-ion phosphate 12.8V	Lithium-ion phosphate 12.8V	Lithium-ion phosphate 12.8V
Internal Inverter	Built-In Inverter Pure Sine	Built-In Inverter Pure Sine	Built-In Inverter Pure Sine
Voltage	12V DC 240V AC	12V DC 240V AC	12V DC 240V AC
Battery Charger	Built In Charge Time 1-3 Hours	Built In Charge Time 1-3 Hours	Built In Charge Time 1-3 Hours
Unit Dimensions	Height - 900mm Width - 600mm Depth - 350mm	Height - 900mm Width - 600mm Depth - 350mm	Height - 900mm Width - 600mm Depth - 350mm
Unit Weight	64 Kg	48 Kg	32 Kg
Warranty	10 Years	10 Years	10 Years
Installation	Indoors	Indoors	Indoors
Mobile Free Standing Unit	Yes	Yes	Yes
Natural Cooling	Yes	Yes	Yes
Unit Construction Material	Metal / Aluminium / Polycarbonate	Metal / Aluminium / Polycarbonate	Metal / Aluminium / Polycarbonate

Superbright ECO Power Unit

Technical Specifications

Technical Specifications	Superbright ECO Power Unit Model E1
Watt Power Output (Usable)	2.5 KWh
Total Watt Power	3.6 KWh
Internal Batteries	AGM / GEL 12V
Internal Inverter	Built-In Inverter Pure Sine
Voltage	12V DC 240V AC
Battery Charger	Built In Charge Time 6-12 Hours
Unit Dimensions	Height - 600mm Width - 600mm Depth - 350mm
Unit Weight	73 Kg
Warranty	10 Years
Installation	Indoors
Mobile Free Standing Unit	Yes
Natural Cooling	Yes
Unit Construction Material	Metal / Aluminium / Polycarbonate



Innovative Technologies Pty Ltd



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