

SUMBER KUASA

[PRODUK 'ECLIMO POWER']



Photovoltaic [PV] Module,
DC17V ~ DC22V

Power Adapter,
DC19V, 5 Amp





GLOBAL POWER SOLUTIONS SDN BHD

PENJIMATAN

[SOALAN UTAMA]



Berapakah penjimatan kos jika penggunaan 'ECLIMO POWER' berbanding dengan generator petrol/diesel?

Berdasarkan caj dan kadar tarif TNB pada 1 Mac 2015*, kos sebanyak **RM0.18 sen** setiap cas penuh atau **RM65.70** purata setiap tahun. Dibandingkan kos ini dengan generator petrol/diesel, minimum kos petrol/diesel sebanyak **RM5.00** sehari untuk lebih 4 jam atau **RM1,825.00** setahun [tidak termasuk kos generator dan penyelenggaraan]...

- NOTA : Caj Kadar tariff TNB pada 1 Mac 2015
Bagi kegunaan domestic **1kWh = 36.28sen...**

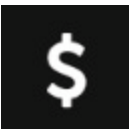


SPEKIFIKASI

[TEKNIKAL]



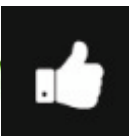
TEKNOLOGI Bateri Lithium - Ion yang boleh dicas semula
Kapasiti tenaga 400 Watt-Hour [Wh]
[O/V=AC240V/50Hz, O/P=120W, Single Phase]



Kos cas semula hanya 18 SEN
Cas semula yang murah



Penjanaan TENAGA – Power Adapter DC19V ~ 24V/5A
Cas semula solar dengan modul PV 17V~22/100W~135W



Jaminan 1 TAHUN
Diberikan oleh pengilang



SPEKIFIKASI

[INFO TAMBAHAN]



Cas semula yang PANTAS dan MURAH

Kos cas semula semalaman hanya 18sen sahaja



Kapasiti TINGGI 400 Watt-Hour [Wh]

Tenaga 400Wh menguasai pelbagai peralatan elektrik dan elektronik untuk tempoh lama



Mudah ALIH dan Tahan LASAK – 7kg
[LWH=375x127x130mm]

Teguh, mudah disimpan dan dibawa ke mana jua



Mesra ALAM dan SELAMAT digunakan

Tanpa pencemaran bunyi dan udara, tidak seperti janakuasa petrol



Cas semula dengan Tenaga SOLAR

Serasi dicas semula dengan modul solar (PV)



KEGUNAAN [PRODUK 'ECLIMO POWER']



Komputer &
Peralatan Bimbit



Perniagaan
Peniaga & Logistik



Lampu & Kipas



Peralatan Rakaman
Audio/Video



Kawalan Terbuka
& Terpencil



Perkhimatan Kesihatan &
Kecemasan





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KONSEP

[PRODUK 'ECLIMO POWER']



**MUDAH
ALIH**

**TENAGA
HEBAT**

**MESRA
ALAM**



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EclimoPower

Re-chargeable Lithium Ion Battery Power Pack.
Portable, Green and Clean Energy, Light and Easy,
Energy and Cost Saving,
No Maintenance, No Petrol/Diesel/Oil/Gas, No
Pollutions. Just Plug and Play in anywhere.
Designed and Manufactured By Eclimo / Made In
Malaysia.





Specification :

Battery Capacity : 400Wh.

Constants Output Voltage : AC 240/50Hz.

Constants Output Power : 120Watt. Dual
USB Output : 5V/1A each.

Rated Input Voltage : Power Adapter 19V to 22V/5A.

Solar Panel Input : 12V ~ 22V, 100Watt ~ 135Watt.

Dimension size : 375x127x130mm.

Weight : 7Kg



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Application : Discharge/ Output Loads – Full Capacity 400Watt Hour

LED Bulb 5Watt, $400\text{Wh}/5\text{Watt} = 80\text{hours}$

LED T8 Tube 9Watt (2ft), $400\text{Wh}/9\text{Watt} = 44\text{Hours}$. LED T8 Tube 18Watt(4ft), $400\text{Wh}/18\text{Watt} = 22\text{hours}$.

Multiplied loads : $1 \times 5\text{Watt} + 1 \times 18\text{Watt} + 2 \times 9\text{Watt}$, Total 41Watt Hour= $400\text{Wh}/41\text{Watt} : 9\text{hours}$.

Dual USB Output 5V/1A each= You can charge your mobile phones for 30 times or more.

Charging/Discharging at the same times (charging and use it).



The Advantages and Energy plus Cost Saving of EclimoPower Vs Diesel/Petrol Generators:

Diesel/Petrol Generators

- 1) Diesel/Petrol Generators Unit Cost at Rm 1,000.00/=
- 2) Average Diesel/Petrol Cost per night= Rm 7.00/=
- 3) Rm 7.00 x 365days = Rm 2,555.00/=
- 4) 2T Oil required minimum at Rm300.00/= per annum.
- 5) Minimum maintenance cost at Rm 500.00/= per annum

Total cost for the use of Diesel/Petrol Generators = **Rm 3,355/= per annum.** (This is exclude unit cost of diesel/petrol generators).

Further more, Its Bulky, Dirty, Heavy. Environmental Pollutions : Noise, Smokes and badly smells of gases.

EclimoPower

Eclimo Power vs above items 2 to 5 = ZERO Cost, Except charging with Power Adapter and based on TNB rates, its only **Rm0.18cents** per full charge capacity for 400Wh. Rm0.18cents x 365 days = **Rm 65.70 per annum.** No environmental pollutions at all. Its total Green and Clean Lithium Battery Power Pack and the most fit and easy product to replace diesel/petrol generators at any times.





EclimoPower Battery Re-Charge accessories :
Power Adapter, Aluminium Frame Solar Panel,
Fold able Solar Panel.



Charge by Power Adapter. Charging Times : 6hours

Charge by Aluminium Frame Solar Panel. Charging Times : 6hours (Peak Sun Hours)



Product Launching

[18 Sep 2015 Kuching Sarawak by YB.Sharifah Hasidah Sayeed Ghazali ADUN Semarang] [13 Jan 2016 Kuala Lumpur by YB.Dato Sri Mustapa Mohamed Menteri MITI]



Sharifah Hasidah poses for a photo during the launch of the product.

New battery pack holds high potential

KUCHING: Eclimo Power, the lightweight, high capacity plug and play battery pack of the future powered by lithium ion technology was launched here yesterday.

Semariang assemblywoman Sharifah Hasidah Sayeed Aman Ghazali, who is also political secretary to the chief minister launched the product in a simple ceremony held at the Grand Continental Hotel yesterday.

Eclimo Sdn Bhd director of sales J Samson Schwartz and Advanced Eco Energy Resources Sdn Bhd chairman Dato Dominic Lawrence as well as director Syed Mahmood Chishty were among those present.

According to Schwartz, Eclimo Power was designed and manufactured with proprietary technology from Eclimo Sdn Bhd, a Malaysian company specialising in electric motorcycles and other vehicles.

Functioning as either a backup power supply or electricity on-the-go, Eclimo Power is a smart, safe and eco-friendly solution.

It can be used in lighting and fans, computers and devices, mobile and logistics businesses, audiovisual devices, emergency services, and outdoors as well as in remote areas.

"Our targeted groups are the police for their law enforcement activities such as conducting road blocks, guard posts for Sabah and Sarawak, traffic police as well as rescue and emergency teams

Eclimo Power was manufactured one year ago and we have completed all the testing and are ready to launch it.

J Samson Schwartz, Eclimo Sdn Bhd director of sales

like firemen.

"We are also targeting rural areas to supply an alternative current under our corporate social responsibility (CSR) programme, and this is where SESCO is working with us. We hope to install 1,000 units by the end of this year," he said.

With the launch of the product, he said they were getting dealers in Miri, Bintulu, Sibul and other divisions.

"Eclimo Power was manufactured one year ago and we have completed all the testing and are ready to launch it. The government is encouraging everyone to go green and this is one way to do it," he pointed out.

He said it was safe and eco-friendly, with no more noise or air pollution like those experienced with loud and smoky petrol generators or toxic lead-acid batteries.

It is clean and powerful energy, safe for everyone and anywhere, he added.

Other interesting details is that it is solar chargeable and compatible with solar powered (PV) input; a full charge costs only 15sen, meaning huge savings.

With a 380 watt-hour output

capacity, it can power more electrical and electronic devices for a longer period of time.

It is portable and hardy with internal circuits and electrical components optimally secured and encased in a 0.5mm thick extruded aluminium casing, which makes it easy to carry, store and is impact resistant.

Sharifah Hasidah said the product was a good substitute for generator sets, especially in the state where it can be used in rural areas without electricity.

"I am very excited about this product - this is best that has been introduced. This is new technology and the first in Malaysia.

"The government might look into using this to generate simple electricity to long houses all over Sarawak to bring light to everyone. This is cheap, portable, easy to handle, safe, maintenance free and environmental friendly," she said.

She said she would also introduce this product to the Chief Minister's Office as well as other MPs.

"I wish them (Eclimo Power) well to introduce this product to their stakeholders and I hope they can take part in helping rural areas," she said.



Customer

[Pasar Malam, Penang]



[Bintulu Long House + Training Centre]



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[Bintulu Long House + Training Centre]



Exterior Brightness before and after .7xEclimo Power, 7xSolar Panel, 42xLED Lights,1x FAN. Size: Height/Length/Depth:7650/25 'x 37500/123' x 6100/20'.
Roomx6,Training centerx2, Toiletx12,Kitchenx1,Dinningx1,Officex1.

[PDRM And ESSCOM SABAH]



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[PERHENTIAN ISLAND RESORT, TERENGGANU]



[ESCAPE Theme Park, Penang]





PEMENANG
KETIGA

RM10000000



Award Winner of WIF-KL/World Innovation Forum in year 2013.
MOSTI



EclimoPower 3Kwh & 6Kwh Off Grid Solar System



System Configuration :

Lithium Ion

Battery Pack

3Kwh & 6Kwh

Inverter

3000Watt x 1set.

Charge Controller (MPPT) x 1set.

PV Module 1560Watt for 3Kwh. Charging Time 4

Hrs(Peak Sun Hour) PV Module 2080Watt for

6Kwh. Charging Time 4 Hrs(Peak Sun Hour)

This system custom design according to actual requirements.



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