

SOLAR PRO PHILIPPINES

(Solar PV Power System)

by: Uno Engineering & Construction (Uno E&C)

website: www.unoengineering.com

"Energy Innovation in Action"

ROOF MOUNTED GRID-TIE SOLAR PV SYSTEM

(Using 3.15 kW SOLAR PANELS & 6 kW SOLIS 4G (4th Generation) GRID-TIE INVERTER)

3,150 watts (3.15 KW) GRID-TIE SOLAR PV SYSTEM:

PRICE: P 198,000 -

Up-gradable of up to 7.20 kW System:

Components & Accessories:

7	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (3.15 kW Grid-Tie).
1	set	6000 watts (6 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions:

- For Day-Time use of electricity for Lighting System & Appliances, Refrigerator, Freezer, ACU, Motor Pump, etc.

- **Utility Power from MORE or ILECO will only come-in when needed.**

- **It can Export Energy to Utility Grid & Net Metering is RECOMMENDED.**

- **GUARANTEED: For Energy Savings.**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 331 KWHR. (P 3,476) to 402 KWHR. (P 4,221).**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **Work Quality:** 1 year.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

Note: - Solar PV System Plan for Net-Metering application shall be provided by the installer.

- Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.

- **Air Conditioned Inverter Room shall be provided by the owner** (optional).

- **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

- **This is a GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

Prepared by:

Received by:

Approved:


Engr. Jose Uriel V. Arancillo, REE

General Manager / Electrical Engineer

Solar PV System & Technology Specialist

Uno Engineering & Construction (Uno E&C)

Mobile: 09209552316 / 09228847480 * Telefax: (033) 5096937 / 5010238

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ROOF MOUNTED GRID-TIE SOLAR PV SYSTEM

(Using 3.60 kW SOLAR PANELS & 6 kW SOLIS 4G (4th Generation) GRID-TIE INVERTER)

3,600 watts (3.60 KW) GRID-TIE SOLAR PV SYSTEM:
Up-gradable of up to 7.20 kW System:

PRICE: P 215,000 -

Components & Accessories:

8	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (3.60 kW Grid-Tie).
1	set	6000 watts (6 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions: - For Day-Time use of electricity for Lighting System & Appliances, Refrigerator, Freezer, ACU, Motor Pump, etc.

- **Utility Power from MORE or ILECO will only come-in when needed.**

- **It can Export Energy to Utility Grid & Net Metering is RECOMMENDED.**

- **GUARANTEED: For Energy Savings.**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 378 KWH. (P 3,969) to 459 KWH. (P 4,820).**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.
- **Grid-Tie Inverter:** 5 years; **Work Quality:** 1 year.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

Note: - Solar PV System Plan for Net-Metering application shall be provided by the installer.
- Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
- **Air Conditioned Inverter Room shall be provided by the owner** (optional).
- **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
- **This is a GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED GRID-TIE SOLAR PV SYSTEM

(Using 4.05 kW SOLAR PANELS & 6 kW SOLIS 4G (4th Generation) GRID-TIE INVERTER)

4,050 watts (4.05 KW) GRID-TIE SOLAR PV SYSTEM:

PRICE: P 235,000 -

Up-gradable of up to 7.20 kW System:

Components & Accessories:

9	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL. (4.05 kW Grid-Tie).
1	set	6000 watts (6 kW) SOLIS 4G (4th Generation) Grid-Tie Inverter.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions:

- For Day-Time use of electricity for Lighting System & Appliances, Refrigerator, Freezer, ACU, Motor Pump, etc.

- **Utility Power from PECO or ILECO will only come-in when needed.**

- **It can Export Energy to Utility Grid & Net Metering is RECOMMENDED.**

- **GUARANTEED: For Energy Savings.**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 425 KWHR. (P 5,313) to 516 KWHR. (P 6,450).**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **Work Quality:** 1 year.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

Note: - Solar PV System Plan for Net-Metering application shall be provided by the installer.

- Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.

- **Air Conditioned Inverter Room shall be provided by the owner** (optional).

- **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

- **This is a GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED GRID-TIE SOLAR PV SYSTEM

(Using 6.30 kW SOLAR PANELS & 6 kW SOLIS 4G (4th Generation) GRID-TIE INVERTER)

6,300 watts (6.30 KW) GRID-TIE SOLAR PV SYSTEM: PRICE: P 345,000 -

Components & Accessories:

14	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (6.30 kW Grid-Tie).
1	set	6000 watts (6 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time use of electricity for Lighting System & Appliances, Refrigerator, Freezer, ACU, Motor Pump, etc.
 - **Utility Power from PECO or ILECO will only come-in when needed.**
 - **It can Export Energy to Utility Grid & Net Metering is RECOMMENDED.**
 - **GUARANTEED: For Energy Savings.**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 662 KWHR. (P 6,951) to 804 KWHR. (P 8,442).**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.
- **Grid-Tie Inverter:** 5 years; **Work Quality:** 1 year.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **Air Conditioned Inverter Room shall be provided by the owner** (optional).
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **This is a GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED GRID-TIE SOLAR PV SYSTEM

(Using 7.20 kW SOLAR PANELS & 6 kW SOLIS 4G (4th Generation) GRID-TIE INVERTER)

7,200 watts (6.30 KW) GRID-TIE SOLAR PV SYSTEM: PRICE: P 380,000 -

Components & Accessories:

16	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (7.20 kW Grid-Tie).
1	set	6000 watts (6 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time use of electricity for Lighting System & Appliances, Refrigerator, Freezer, ACU, Motor Pump, etc.
 - **Utility Power from PECO or ILECO will only come-in when needed.**
 - **It can Export Energy to Utility Grid & Net Metering is RECOMMENDED.**
 - **GUARANTEED: For Energy Savings.**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 756 KWHR. (P 7,938) to 918 KWHR. (P 9,639).**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.
- **Grid-Tie Inverter:** 5 years; **Work Quality:** 1 year.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **Air Conditioned Inverter Room shall be provided by the owner** (optional).
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **This is a GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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Electrical Systems Plan, Design, Estimate, Installation, Repair & Maintenance; Electric Energy Saving & Management System; Power Quality Survey & Analysis; Electrical Power Generation, Transmission & Distribution System; Electronics & Communication System; Automation, Instrumentation & Control System; Security & Fire Alarm & Protection System; Refrigeration & Air-Conditioning System; Telephone & Inter - Communication System; Local Area Network System (LAN - Voice & Data); Renewable Energy System; Building Construction & Land Development System

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ROOF MOUNTED HYBRID-GRID-TIE SOLAR PV SYSTEM

(Using 3.15 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID INVERTER)

3,150 watts (3.15 KW) HYBRID-GRID SOLAR PV SYSTEM:

PRICE: P 360,000 -

UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:

Components & Accessories:

7	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (3.15 kW Grid-Tie / Hybrid).
1	set	6000 watts (6.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 3 – ¾ HP ACU or 3 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
 - **Utility Power from MORE or ILECO will only come-in when needed.**
 - It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
 - **GUARANTEED: For Energy Savings & for "Brown-Outs."**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 331 KWHR. (P 3,476) to 402 KWHR. (P 4,221).**

- NOTE:**
- You can use your 2 – ¾ HP ACU or 2 - ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 4 hrs.**
 - @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 5 to 8 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED HYBRID-GRID-TIE SOLAR PV SYSTEM

(Using 3.60 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID OFF-GRID INVERTER)

3,600 watts (3.60 KW) GRID-TIE & HYBRID OFF-GRID SOLAR PV SYSTEM: PRICE: P 380,000 - UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:

Components & Accessories:

8	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (3.60 kW Grid-Tie / Hybrid).
1	set	6000 watts (6.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions:

- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 3 – ¾ HP ACU or 3 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
- **Utility Power from PECO or ILECO will only come-in when needed.**
- It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
- **GUARANTEED: For Energy Savings & for "Brown-Outs."**
- For 20% Discount on your Real Property Tax (c/o CENRO).
- **GUARANTEED: Estimated Monthly Energy Savings of: 378 KWHR. (P 3,969) to 459 KWHR. (P 4,820).**

NOTE:

- You can use your 2 – ¾ HP ACU or 2 - ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 4 to 7 hrs.**
- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 6 to 9 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

Note:

- Solar PV System Plan for Net-Metering application shall be provided by the installer.
- Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
- **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
- **GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED HYBRID-GRID-TIE SOLAR PV SYSTEM

(Using 4.05 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID INVERTER)**4,050 watts (4.05 KW) HYBRID-GRID-TIE SOLAR PV SYSTEM:****PRICE: P 398,500 -****UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:****Components & Accessories:**

9	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (4.05 kW Grid-Tie / Hybrid).
1	set	6000 watts (5.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 4 – ¾ HP ACU or 4 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
 - **Utility Power from PECO or ILECO will only come-in when needed.**
 - It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
 - **GUARANTEED: For Energy Savings & for "Brown-Outs."**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 425 KWHR. (P 5,313) to 516 KWHR. (P 6,450).**

NOTE: - You can use your 2 – ¾ HP ACU or 2 - ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 5 hrs.**

- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 6 to 10 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
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(Using 4.05 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID INVERTER)

4,050 watts (4.05 KW) HYBRID-GRID-TIE SOLAR PV SYSTEM:

PRICE: P 498,500 -

UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:

Components & Accessories:

9	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (4.05 kW Grid-Tie / Hybrid).
1	set	6000 watts (5.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
2	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 4 – ¾ HP ACU or 4 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
 - **Utility Power from PECO or ILECO will only come-in when needed.**
 - It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
 - **GUARANTEED: For Energy Savings & for "Brown-Outs."**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 425 KWHR. (P 5,313) to 516 KWHR. (P 6,450).**

NOTE: - You can use your 2 – ¾ HP ACU or 2 - ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 4 to 9 hrs.**

- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: Unlimited.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.
- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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SOLAR PRO PHILIPPINES

(Solar PV Power System)

by: Uno Engineering & Construction (Uno E&C)

website: www.unoengineering.com

"Energy Innovation in Action"

ROOF MOUNTED HYBRID-GRID-TIE SOLAR PV SYSTEM

(Using 6.30 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID INVERTER)

6,300 watts (6.30 KW) HYBRID-GRID-TIE SOLAR PV SYSTEM:

PRICE: P 505,000 -

UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:

Components & Accessories:

16	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (6.30 kW Grid-Tie / Hybrid).
1	set	6000 watts (6.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 7 – ¾ HP ACU or 7 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
 - **Utility Power from MORE or ILECO will only come-in when needed.**
 - It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
 - **GUARANTEED: For Energy Savings & for "Brown-Outs."**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 662 KWHR. (P 6,951) to 804 KWHR. (P 8,442).**

- NOTE:**
- You can use your 2 – 1 HP ACU or 2 - 1 Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 4 hrs.**
 - @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 5 to 10 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED HYBRID-GRID-TIE SOLAR PV SYSTEM

(Using 6.30 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID INVERTER)

6,300 watts (6.30 KW) HYBRID-GRID-TIE SOLAR PV SYSTEM:

PRICE: P 600,000 -

UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:

Components & Accessories:

14	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (6.30 kW Grid-Tie / Hybrid).
1	set	6000 watts (6.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
2	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 6 – ¾ HP ACU or 6 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
 - **Utility Power from MORE or ILECO will only come-in when needed.**
 - It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
 - **GUARANTEED: For Energy Savings & for "Brown-Outs."**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 662 KWHR. (P 6,951) to 804 KWHR. (P 8,442).**

- NOTE:**
- You can use your 2 – 1 HP ACU or 2 - 1 Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 4 to 10 hrs.**
 - @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: Unlimited.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED HYBRID-GRID-TIE SOLAR PV SYSTEM

(Using 7.20 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID INVERTER)

7,200 watts (7.20 KW) HYBRID-GRID-TIE SOLAR PV SYSTEM:

PRICE: P 545,000 -

UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:

Components & Accessories:

16	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (7.20 kW Grid-Tie / Hybrid).
1	set	6000 watts (6.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 7 – ¾ HP ACU or 7 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
 - **Utility Power from MORE or ILECO will only come-in when needed.**
 - It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
 - **GUARANTEED: For Energy Savings & for "Brown-Outs."**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 662 KWHR. (P 6,951) to 804 KWHR. (P 8,442).**

- NOTE:**
- You can use your 2 – 1 HP ACU or 2 - 1 Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 4 hrs.**
 - @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 5 to 10 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

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ROOF MOUNTED HYBRID-GRID-TIE SOLAR PV SYSTEM

(Using 7.20 kW SOLAR PANELS, 6 kW SOLIS 4G (4th Generation) GRID-TIE & 5 kW HYBRID INVERTER)

7,200 watts (7.20 KW) HYBRID-GRID-TIE SOLAR PV SYSTEM:

PRICE: P 645,000 -

UP-GRADABLE OF UP-TO 11.70 kW SYSTEM:

Components & Accessories:

16	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (7.20 kW Grid-Tie / Hybrid).
1	set	6000 watts (6.0 kW) SOLIS 4G (4 th Generation) Grid-Tie Inverter.
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
2	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

- Usage & Functions:**
- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 7 – ¾ HP ACU or 7 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
 - **Utility Power from MORE or ILECO will only come-in when needed.**
 - It can Export Energy to Utility Grid & Net Metering Installation is RECOMMENDED.
 - **GUARANTEED: For Energy Savings & for "Brown-Outs."**
 - For 20% Discount on your Real Property Tax (c/o CENRO).
 - **GUARANTEED: Estimated Monthly Energy Savings of: 662 KWHR. (P 6,951) to 804 KWHR. (P 8,442).**

- NOTE:**
- You can use your 2 – 1 HP ACU or 2 - 1 Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 4 to 10 hrs.**
 - @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: Unlimited.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.
- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

NET-METERING OF UTILITY COMPANY – Surplus energy produced by solar pv system shall be exported to utility grid & shall be credited on your monthly electric bill.

- Note:**
- Solar PV System Plan for Net-Metering application shall be provided by the installer.
 - Occupancy Permit & Net-Metering Application charges & fee shall be of owner's expense.
 - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**
 - **GRID-TIE SYSTEM, it will not function during "Brown-Outs."**

Prepared by: 
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ROOF MOUNTED HYBRID SOLAR PV SYSTEM

(Using 4.50 kW SOLAR PANELS & 5 kW HYBRID OFF-GRID INVERTER)

4,500 watts (4.50 KW) HYBRID SOLAR PV SYSTEM:

PRICE: P 375,000 -

Components & Accessories:

10	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (4.50 KW Hybrid).
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions: - For Day-Time & Night-Time use of electricity for Lighting System & Appliances, Day-Time: 3 – ¾ HP ACU or 3 – ¾ HP Motor Pump, Refrigerator, Freezer, etc.

- **Utility Power from MORE or ILECO will only come-in when needed.**

- It cannot Export Energy to Utility Grid.

- **GUARANTEED: For Energy Savings & for "Brown-Outs."**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 595 KWHR. (P 7,438) to 723 KWHR. (P 9,038).**

NOTE: - You can use your 2 – ¾ HP ACU or 2 – ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 5 hrs.**

- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 6 to 10 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - Solar Panels: 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- Grid-Tie Inverter: 5 years; HYBRID Inverter: 2 years; Battery: 1 year; Work Quality: 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

Note: - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

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ROOF MOUNTED HYBRID SOLAR PV SYSTEM

(Using 4.50 kW SOLAR PANELS & 5 kW HYBRID INVERTER)

4,500 watts (4.50 KW) HYBRID SOLAR PV SYSTEM:

PRICE: P 470,000 -

Components & Accessories:

10	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (4.50 KW Hybrid).
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
2	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions: - For Day-Time & Night-Time use of electricity for Lighting System & Appliances, Day-Time: 3 – ¾ HP ACU or 3 – ¾ HP Motor Pump, Refrigerator, Freezer, etc.

- **Utility Power from MORE or ILECO will only come-in when needed.**

- It cannot Export Energy to Utility Grid.

- **GUARANTEED: For Energy Savings & for "Brown-Outs."**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 473 KWHR. (P 4,967) to 574 KWHR. (P 6,027).**

NOTE: - You can use your 2 – ¾ HP ACU or 2 – ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 4 to 9 hrs.**

- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: Unlimited.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - Solar Panels: 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- Grid-Tie Inverter: 5 years; HYBRID Inverter: 2 years; Battery: 1 year; Work Quality: 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

Note: - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

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ROOF MOUNTED HYBRID SOLAR PV SYSTEM

(Using 4.05 kW SOLAR PANELS & 5 kW HYBRID OFF-GRID INVERTER)

4,050 watts (4.05 KW) HYBRID SOLAR PV SYSTEM:**PRICE: P 350,000 -**

Components & Accessories:

9	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (4.05 KW Hybrid).
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions: - For Day-Time & Night-Time use of electricity for Lighting System & Appliances, Day-Time: 3 – ¾ HP ACU or 3 – ¾ HP Motor Pump, Refrigerator, Freezer, etc.

- **Utility Power from MORE or ILECO will only come-in when needed.**

- It cannot Export Energy to Utility Grid.

- **GUARANTEED: For Energy Savings & for "Brown-Outs."**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 425 KWHR. (P 5,313) to 516 KWHR. (P 6,450).**

NOTE: - You can use your 2 – ¾ HP ACU or 2 – ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 4 hrs.**

- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 6 to 8 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - Solar Panels: 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- Grid-Tie Inverter: 5 years; HYBRID Inverter: 2 years; Battery: 1 year; Work Quality: 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

Note: - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

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ROOF MOUNTED HYBRID SOLAR PV SYSTEM

(Using 4.05 kW SOLAR PANELS & 5 kW HYBRID OFF-GRID INVERTER)

4,050 watts (4.05 KW) HYBRID SOLAR PV SYSTEM:

PRICE: P 448,000 -

Components & Accessories:

9	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (4.05 KW Hybrid).
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
2	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions: - For Day-Time & Night-Time use of electricity for Lighting System & Appliances, Day-Time: 3 – ¾ HP ACU or 3 – ¾ HP Motor Pump, Refrigerator, Freezer, etc.

- **Utility Power from MORE or ILECO will only come-in when needed.**

- It cannot Export Energy to Utility Grid.

- **GUARANTEED: For Energy Savings & for "Brown-Outs."**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 425 KWHR. (P 5,313) to 516 KWHR. (P 6,450).**

NOTE: - You can use your 2 – ¾ HP ACU or 2 – ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 8 hrs.**

- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: Unlimited.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - Solar Panels: 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- Grid-Tie Inverter: 5 years; HYBRID Inverter: 2 years; Battery: 1 year; Work Quality: 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

Note: - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

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"Energy Innovation in Action"

ROOF MOUNTED HYBRID SOLAR PV SYSTEM

(Using 3.60 kW SOLAR PANELS & 5 kW HYBRID OFF-GRID INVERTER)

3,600 watts (3.60 KW) HYBRID SOLAR PV SYSTEM:

PRICE: P 328,000 -

Components & Accessories:

8	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (3.60 KW Hybrid).
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions: - For Day-Time & Night-Time use of electricity for Lighting System & Appliances, Day-Time: 2 – ¾ HP ACU or 2 – ¾ HP Motor Pump, Refrigerator, Freezer, etc.

- **Utility Power from MORE or ILECO will only come-in when needed.**

- It cannot Export Energy to Utility Grid.

- **GUARANTEED: For Energy Savings & for "Brown-Outs."**

- For 20% Discount on your Real Property Tax (c/o CENRO).

- **GUARANTEED: Estimated Monthly Energy Savings of: 378 KWHR. (P 3,969) to 459 KWHR. (P 4,820).**

NOTE: - You can use your 2 – ¾ HP ACU or 2 – ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 4 hrs.**

- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 5 to 7 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - Solar Panels: 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.

- Grid-Tie Inverter: 5 years; HYBRID Inverter: 2 years; Battery: 1 year; Work Quality: 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

Note: - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

Prepared by:

Received by:

Approved:

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SOLAR PRO PHILIPPINES

(Solar PV Power System)

by: Uno Engineering & Construction (Uno E&C)

website: www.unoengineering.com

"Energy Innovation in Action"

ROOF MOUNTED HYBRID SOLAR PV SYSTEM

(Using 3.15 kW SOLAR PANELS & 5 kW HYBRID OFF-GRID INVERTER)

3,150 watts (3.15 KW) HYBRID SOLAR PV SYSTEM: PRICE: P 310,000 -

Components & Accessories:

7	pc.	450 watt 'HiKu' CANADIAN SOLAR PANEL, (3.15 KW Hybrid).
1	set	5000 watts (5.0 kW) Hybrid Off-Grid Inverter.
1	unit	5.2 KWHR, 100AH, 48V-52V, Lithium Ion Phosphate (LifePo4) Battery Pack Module.
1	lot	Wires, Cables, Accessories & System Protection.
1	lot	Aluminum Holders & Brackets.
1	lot	Labor & Installation, Testing & Commissioning Works.

Usage & Functions:

- For Day-Time & Night-Time use of electricity for Lighting System & Appliances, **Day-Time: 2 – ¾ HP ACU or 2 – ¾ HP Motor Pump**, Refrigerator, Freezer, etc.
- **Utility Power from MORE or ILECO will only come-in when needed.**
- It cannot Export Energy to Utility Grid.
- **GUARANTEED: For Energy Savings & for "Brown-Outs."**
- For 20% Discount on your Real Property Tax (c/o CENRO).
- **GUARANTEED: Estimated Monthly Energy Savings of: 331 KWHR. (P 3,476) to 402 KWHR. (P 4,221).**

NOTE:

- You can use your 2 – ¾ HP ACU or 2 – ¾ Motor Pump (**one at a time**), Refrigerator, Lighting System, Small Appliances during 'Brown-Out' & using the Battery Reserved Energy (@ Full Charged & @ Full Load). **DAY TIME: Unlimited, NIGHT TIME: 2 to 3 hrs.**
- @ 500 watts continuous load & at Full Charged. **DAY TIME: Unlimited, NIGHT TIME: 4 to 6 hrs.**

Terms of Payment: - 50% as initial / down payment, 50% upon project completion.

Warranty: - **Solar Panels:** 25 years on Performance Linear Warranty & 10 years on Limited Product Warranty.
- **Grid-Tie Inverter:** 5 years; **HYBRID Inverter:** 2 years; **Battery:** 1 year; **Work Quality:** 1 year.

FUNCTION OF HYBRID OFF-GRID SYSTEM: – Energy produced by solar pv system can be use directly & surplus energy produced shall be stored on the Battery Storage Bank. Use it directly or for later use.

Note: - **SOLAR PANELS: CANADIAN SOLAR – Canadian Brand, Canadian Quality; REC – made in SINGAPORE, Norwegian Brand, Norwegian Quality.**

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