



- Solar panels are polycrystalline, and certified to meet IEC 61215 and 61730 standards
- Guaranteed output of 90% for 10 years and 80% for 25 years
- Off grid solar power conditioning unit (PCU) includes sine wave inverter, charge controller and grid charger in one unit
- Priority settings for powering load between solar, battery, and grid can be configured in PCU
- Inverter peak efficiency: 93%; AC output: 230V
- 5 year mechanical warranty on solar panels and inverter
- Solar mounts are made out of anodized Al 6005
- Adjustable tilt angles on mounts can be provided
- Solar mounts may be installed over tiled, asphalt, or flat roofs
- Remote monitoring (Ethernet or GPRS) is optional

STANDARD CONFIGURATION AND PRICING:

PART NO	DESCRIPTION	CONTENTS	ESTIMATED ANNUAL OUTPUT (at lat 19 ° N, long 99 °W)	PRICING
NI-SYS-OG-1-12	1KW OFF GRID SOLAR PV SYSTEM	250W Solar Panels, Qty. 4 2KVA PCU , 24V DC, Qty. 1 4:1 IP 65 Array Junction Box Tubular Solar Battery, 12V 150AH, Qty. 4 Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 DC + AC Cables and MC4 Connectors	1350 kWh	US\$3,100/-
NI-SYS-OG-2-24	2KW OFF GRID SOLAR PV SYSTEM	250W Solar Panels, Qty. 8 3KVA PCU , 24V DC, Qty. 1 8:1 IP65 Array Junction Box, Qty. 1 Tubular Solar Battery, 12V 150AH, Qty. 10 IP65 4:1 Array Junction Box, Qty. 2 Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 ACDB, DC Cables and MC4 Connectors	2700 kWh	US\$6,300/-
NI-SYS-OG-3-48	3KW OFF GRID SOLAR PV SYSTEM	250W Solar Panels, Qty. 12 4KVA PCU , 48V DC, Qty. 1 6:1 IP65 Array Junction Box, Qty. 1 Tubular Solar Battery, 12V 150AH, Qty. 16 IP65 6:1 Array Junction Box, Qty. 1 Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 ACDB, DC Cables and MC4 Connectors	4050 kWh	US\$9,000/-
NI-SYS-OG-5-72	5KW OFF GRID SOLAR PV SYSTEM	250W Solar Panels, Qty. 20 5KVA PCU , 72V DC, Qty. 1 7:1 IP65 Array Junction Box, Qty. 1 Tubular Solar Battery, 12V 200AH, Qty. 18 Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 ACDB, DC Cables and MC4 Connectors	6750 kWh	US\$13,700/-

OPTIONS:

Remote Monitoring System
Asphalt, tiled, concrete, or ground mounting options available; Adjustable tilt on solar mounts available

NOTES:

Earthing and grounding and AC cabling of systems under installer scope
Battery backup is estimated for one day. For additional backup, battery capacity will need to be increased