



- 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 :

PART NO	DESCRIPTION	CONTENTS	ESTIMATED ANNUAL OUTPUT
9270205 - 0000	1KW OFF-GRID SOLAR PV SYSTEM	330W Solar Panels, Qty. 4 1.45kVA/ 24V Inverter, Qty. 1 4:1 IP65 Array Junction Box, Qty. 1 GI/Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 ACDB, DC Cables and MC4 Connectors Earthing Kit, Battery Qty 2	1485 Kwh
9270212 - 0000	2KW OFF-GRID SOLAR PV SYSTEM	330W Solar Panels, Qty. 6 2.5kVA/ 48V Inverter, Qty. 1 2:1 IP65 Array Junction Box, Qty. 1 GI/Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 ACDB, DC Cables and MC4 Connectors Earthing Kit, Battery Qty 4	2970 Kwh
9270203 - 0000	3KW OFF-GRID SOLAR PV SYSTEM	330W Solar Panels, Qty. 9 4kVA/ 48V Inverter, Qty. 1 3:1 IP65 Array Junction Box, Qty. 1 GI/Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 ACDB, DC Cables and MC4 Connectors Earthing Kit, Battery Qty 4	4455 Kwh
9270209 - 0000	5KW OFF-GRID SOLAR PV SYSTEM	330W Solar Panels, Qty. 15 6kVA/ 96V Inverter, Qty. 1 3:1 IP65 Array Junction Box, Qty. 1 GI/Aluminum Mounting Structures Single Phase AC Distribution Box, Qty. 1 ACDB, DC Cables and MC4 Connectors Earthing Kit & Lighting Arrestor Battery Qty 8	7425 Kwh

OPTIONS:

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

NOTES:

AC and DC cable lengths of pre-defined lengths will be supplied.
Additional lengths may be required based on site.
Net metering will require addition of bidirectional meter that is not included in scope.

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