



90KW off-grid system

The system includes:

- 428 x 210W Mono-crystalline solar panels with 25 year warranty
- 8 x 300A Charge controller/control panel with LED status indicators
- 90 KW Pure Sine Wave inverter to convert battery DC output to AC
- Deep cycle sealed solar battery bank - 180 X 2V 4000AH
- Interconnection cables— to connect panels, charge controller, batteries, inverter etc. All cabling from power house to houses is by customer.
- Solar panel free standing (ground) mounting frames
- DC and AC Circuit breakers for Solar system
- Accessories—module combiners, lightning protection
- System data logger (meter)
- Power house—to accommodate batteries, controllers, inverter etc

SCOPE OF WORK

- System design including working drawings, site visits
- Supply and delivery of equipment
- Integration, installation and commissioning
- Customer training, provision of manuals (OMM)

OPTIONS

- Solar panel free standing (ground) mounting frames on sun trackers
- Remote system monitoring
- Maintenance

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