

| 4KW INVERTER OFFGRID | | | | | | | | |
|-------------------------------------|---|-------|-------------------|--------|-----|-----------------|------|--------|
| Items | Specifications | Brand | Country of Origin | Unit | Qty | Warranty Period | Rate | Amount |
| Solar panels | 400W 24V monocrystalline panel | | | PCS | 20 | | | |
| Solar rails | Aluminium rails with accessories | | | Sets | 5 | | | |
| Solar combiner box | 4way combiner box 125A | | | PCS | 2 | | | |
| Solar MC4 connectors | Double connectors | | | Sets | 12 | | | |
| Solar MC4 connectors | Single | | | Sets | 20 | | | |
| Charge controller | 70A/150V MPPT | | | PCS | 2 | | | |
| Inverter | 4KW/24V Pure sine wave 230V/50Hz | | | PCS | 1 | | | |
| System control panel | Specification for inverter | | | PCS | 1 | | | |
| AC & DC Distribution panel | Specification for inverter | | | PCS | 1 | | | |
| Battery | 12V/200AH sealed-lead acid with accessories | | | PCS | 6 | | | |
| Battery rack | Gavalnized iron stand | | | PCS | 1 | | | |
| Battery disconnects | DC disconnect 160A-200A | | | PCS | 1 | | | |
| In/Output breaker | 63A 2pole breaker | | | PCS | 2 | | | |
| Surge protector | AC surge protector single phase | | | PCS | 1 | | | |
| PVC box | 8way box | | | PCS | 1 | | | |
| Changeover switch | 32A Changeover switch | | | PCS | 1 | | | |
| Distribution board | 10 blocks DB | | | PCS | 1 | | | |
| Solar connection cable | 6mm 2core flexible cable | | | meters | 120 | | | |
| Combiner to charge controller cable | 16mm flexible cable | | | meters | 20 | | | |
| Charge controller to battery cable | 35mm flexible cable | | | meters | 10 | | | |
| Battery to inverter cable | 35mm flexible cable | | | meters | 10 | | | |
| Inverter to changeover and DB cable | 6mm flexible cable | | | meters | 80 | | | |
| Trunking/conduiting | 25mm-100mm | | | LOT | 4 | | | |
| Earth rod | 3 fits 100% coper | | | PCS | 2 | | | |
| Earth cable | 4mm single core | | | meters | 50 | | | |
| Earthing accessories | Mat/Salt | | | PCS | 2 | | | |
| MATERIAL COST ESTIMATE | | | | | | | | |
| INSTALLATION COST | | | | | | | | |
| TOTAL PROJECT COST | | | | | | | | |