

Technical Specification of 3KWSolar Offgrid Systems

With A.C. Input option

Sr.No.	List	Specification	UOM	Qty
1	Solar Module	300 watt Poly Crystalline	Nos	10
2	Solar Hybrid Inverter	3 KVA Single Phase	Nos	1
3	Solar Battery	150 AH 12 Volt	Nos	8
4	DC Cable Red + Black	4 Sqmm single core	Mtr	80
5	DCDB	2 string	Nos	1
6	ACDB	ACDB	Nos	1
7	Solar Mounting Structure	Solar Mounting Structure	Set	1
8	DC Cable Red + Black	16 sqmm single core	Mtr	40
9	Earthing Rod With Chemical Bag	17 mm X 1 mtr	Nos	2
10	Lighting arrester	conventional	Nos	1
11	Earthing Cable	16 sqmm single core	Mtr	50

Total VAH	14400
Total KWH	14.40

**VAH and KWH figures are on a clear sunny day with output of SPV panel when solar radiation on tilt surface is: 7.15 KWH/sq.m/day*

Technical Specification of 5KW Solar Offgrid Systems

With A.C. Input option

Sr. No.	List	Specification	UOM	Qty
1	Solar Module	320 watt Poly Crystalline	Nos	16
2	Solar Hybrid Inverter	5 KVA Single Phase	Nos	1
3	Solar Battery	200 AH 12 Volt	Nos	8
4	DC Cable Red + Black	6 Sqmm single core	Mtr	100
5	DCDB	4 string	Nos	1
6	ACDB	ACDB	Nos	1
7	Solar Mounting Structure	Solar Mounting Structure	Set	1
8	DC Cable Red + Black	16 sqmm single core	Mtr	40
9	Earthing Rod With Chemical Bag	17 mm X 1 mtr	Nos	2
10	Lighting arrester	Conventional	Nos	1
11	Earthing Cable	16 sqmm single core	Mtr	50

Total VAH	19,200
Total KWH	19.20

*VAH and KWH figures are on a clear sunny day with output of SPV panel when solar radiation on tilt surface is: 7.15 KWH/sq.m/day

Technical Specification of 7.5KW Solar Offgrid Systems

With A.C. Input option

Sr.No.	List	Specification	UOM	Qty
1	Solar Module	320 watt Poly Crystalline	Nos	24
2	Solar Hybrid Inverter	8 KVA Single Phase	Nos	1
3	Solar Battery	200 AH 12 Volt	Nos	10
4	DC Cable Red + Black	6 Sqmm single core	Mtr	180
5	DCDB	4 string	Nos	1
6	ACDB	ACDB	Nos	1
7	Solar Mounting Structure	Solar Mounting Structure	Set	1
8	DC Cable Red + Black	25 sqmm single core	Mtr	40
9	Earthing Rod With Chemical Bag	17 mm X 1 mtr	Nos	2
10	Lighting arrester	conventional	Nos	1
11	Earthing Cable	16 sqmm single core	Mtr	50

Total VAH	24000
Total KWH	24.00

**VAH and KWH figures are on a clear sunny day with output of SPV panel when solar radiation on tilt surface is: 7.15 KWH/sq.m/day*