

OFF-GRID SOLAR SYSTEM

SUSTAINABLE, COST-EFFECTIVE AND RELIABLE POWER



Variants	PCU	Battery	Back-up ⁺	Critical Loads
1.28 kWp 1-phase	2kVA 1.6kW	150AH x 02	Up to 3.5 hours	Light, fan, TV and PC
1.92 kWp 1-phase	3.75kVA 3kW	150AH x 04	Up to 4 hours	Light, fan, TV, PC and refrigerator
3.84 kWp 1-phase	6.25kVA 5kW	150AH x 08	Up to 4 hours	Light, fan, TVs, PCs, refrigerator and AC
5.12 kWp 1-phase	7.5kVA 6kW	150AH x 10	Up to 4 hours	Light, fan, TVs, PCs, refrigerator and AC

+ see back page for complete load specifications



Hassle free quick installation



Rapid life cycle service support



Green power, clean power



Maintenance free system

Choose your configuration

Appliance	Watts (W)	1.2kWp		1.92kWp		3.84kWp		5.12kWp	
		Quantity	Load	Quantity	Load	Quantity	Load	Quantity	Load
LED bulb	12	4 nos	48	6 nos	72	8 nos	96	8 nos	96
Fluorescent light	40	1 nos	40	2 nos	80	4 nos	160	6 nos	240
Fan	75	2 nos	150	2 nos	150	8 nos	600	10 nos	750
TV + set top box	100	1 nos	100	1 nos	100	2 nos	200	2 nos	200
Computer	130	1 nos	130	1 nos	130	2 nos	260	8 nos	1040
Refrigerator	250	0 nos	0	1 nos	250	1 nos	250	1 nos	250
Total (W)			468		782		1566		2576
Back up (hours)			3.5		4		4		3

Higher back-up and custom load configuration possible | 3.88kWp and 5.12kWp variants can operate inverter-based air-conditioner

Features

- Maximizes solar usage
- In-built smart battery management system for prolonged battery-life
- Digital display for easy readability
- Self-protecting active fault monitoring unit for safe operations
- Peace of mind guaranteed with 25 year warranty on solar modules
- Mounting possible on virtually all types of roof profiles

Benefits

- Say goodbye to black-outs
- Any time power
- Low dependence on erratic grid
- Run critical loads on solar
- Prolong battery life
- Trusted, dependable and long lasting system
- Green energy, clean energy

Components

- Solar array ranging from 1.2kWp to 5.12kWp
- Safe and secure inverter ranging from 2kVA to 7.5kVA
- 150Ah tubular solar batteries⁺
- DIY kit or hot dip galvanized mounting structure

+ Lithium-ion optional

Five powerful reasons to choose Tata Power Solar

India's most trusted brand	Ranked #1 Solar Rooftop EPC Player* for 5 years in a row	Pan India presence with a network of over 150 channel partners	3 decades of pedigree in solar with more than 300 MW of rooftop installations	Over 15,000 residential installations
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To know more about our range of solar solutions

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