



BRAC Solar IPS

BRAC Solar IPS overcomes all the weaknesses of conventional IPS system by introducing dual energy source, both national grid line and solar energy and by introducing the most cutting edge technology.

Highly efficient micro inverter (90%), lowest energy consuming appliances, user control to double backup time, environment friendly and long lasting (more than 5 years) LED tubes are some of many desirable features of this dual home system. The valued users will get reduced electricity bill (90% saving = 75% saving by using energy saving appliance + 15% saving for using efficient micro inverter), uninterrupted operation for a long time, almost maintenance free operation.



BRAC Solar Home System

BRAC Solar brings together the latest and the most cutting edge technology in the world today for it's off grid customers. Highly efficient micro inverter (90%), lowest energy consuming appliances, user control to double backup time, environment friendly and long lasting (more than 5 years) LED tube lights are some main and desirable features of this Innovative Solar System. In addition, for the first time in Bangladesh, users are now be able to watch Color TV and feel the cool breeze of fans. This unique high voltage system enables the user to install the appliances at almost anywhere, charge their mobiles directly and enjoy maintenance-free longer backup. The valued users will get all this and much more at a lower price than conventional solar home system.





Main Features
BRAC SOLAR IPS

- **Long Back-Up Time** (Continuous Backup up to 4 Hrs)

- **Boost Charging:** 1 Hour Charging to provide 1 Hour Backup

- **90% reduction** of Electricity bill by using energy saving appliances

- **Long Life Energy Efficient** (3 Years+ life and 100 Lumen/Watt) LED Light without mercury and UV related health hazard

- **Lower** replacement cost with lesser **Battery Requirement**

- **Prolonged Battery Life** with Active Over-load Protection

- **Integrated Mobile Charging** option with every system

- **Double Back up Time** with *Dimming Option*

Product Profile

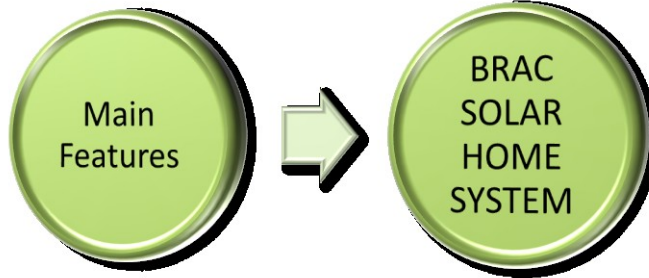
BRAC Solar IPS

Model	Package Detail	Back up Time	100% cash purchase discount price for limited time	TV Option
D24 (4L)	1 Solar Panel – 20W 1 Internal Battery – 15 Ah 1 Solar Optimizer 4 LED Tube Light Wiring and Installation	4 Hrs	20,700 20,000	No
D32 (1F+2L)	1 Solar Panel – 20W 1 External Battery – 20Ah 1 Solar Optimizer 2 LED Tube Light 1 Solar Stand Fan Wiring and Installation	4 Hrs	26,700 25,000	No
D64 (2F+4L)	1 Solar Panel – 50W 1 External Battery – 55Ah 1 Solar Optimizer 4 LED Tube Light 2 Solar Stand Fan Wiring and Installation	4 Hrs	46,200 43,500	Yes 1 LED Tube Light + 22” LCD TV
D74 (2F+4L)	1 Solar Panel – 60W 1 External Battery – 70Ah 1 Solar Optimizer 4 LED Tube Light 1 Solar Ceiling Fan 1 Solar Stand Fan Wiring and Installation	4 Hrs	55,200 50,300	Yes 1 LED Tube Light + 1 Fan + 22” LCD TV

- *Fan and Light included as per Package Detail*

Comparison: BRAC Solar IPS vs Common IPS

Key Attributes	BRAC Solar IPS	Common IPS
Back-up	4 Hrs Back-up Ensured	1-2 Hrs Backup Maximum
Battery	Less Battery requirements	4 Times Bigger Battery is Required
	25% Battery replacement cost	100% Battery replacement cost
Efficiency Inverter	95% Efficient Zero Static Loss	75% Efficient 10% Static Loss
	Clean Power	Noise and Damage to Appliances
Energy Saving Appliances	1 Stand Fan + 2 Light = 32W	1 Stand Fan + 2 Light = 120W
Electricity Bill	90% Reduction in Electricity Bill	Higher Electricity Bill due to loss in the IPS and Inefficiency
LED Light	100 Lumen/Watt	35 Lumen/Watt (CFL-Light)
	Long Life: 5 Yrs & more	Short Life: 1 Yr Maximum
	No Health Hazard Due to Mercury & UV	Serious Health Hazard due to Mercury in case of Blast
	Less Heat Generation by 50%	High Heat Generation
	No Environmental Hazard	Environmental Hazard due to disposal of Mercury



- **No Distance Limitation** with freedom to choose Light/ Fan anywhere in the house

- **Easy and Low Cost** wiring

- **Long Life Energy Efficient** (3 Years+ life and 100 Lumen/Watt) LED Light without mercury and UV related health hazard

- **Pleasure** to enjoy **Cool Breeze** of Fan (Ceiling or Stand) included in the selected packages

- **Lower** replacement cost with lesser **Battery Requirement**

- **Prolonged Battery Life** with Active Over-load Protection

- **Integrated Mobile Charging** option with every system

- **Double Back up Time** with **Dimming Option**

Product Profile

BRAC Solar Home System

Model	Package Detail	Back up Time	100% cash purchase discount price for limited time	TV Option
S12 (3L)	1 Solar Panel – 20W 1 Internal Battery – 15 Ah 1 Solar Optimizer 3 LED Tube Light Wiring and Installation	4 Hrs	17,400 16,500	No
S16 (4L)	1 Solar Panel – 30W 1 External Battery – 30 Ah 1 Solar Optimizer 4 LED Tube Light Wiring and Installation	4 Hrs	23,500 22,500	No
S20 (5L)	1 Solar Panel – 40W 1 External Battery – 40 Ah 1 Solar Optimizer 5 LED Tube Light Wiring and Installation	4 Hrs	29,000 27,000	Yes 16" LED TV + 1 LED Tube Light
S28 (1F+2L)	1 Solar Panel – 40W 1 External Battery – 55Ah 1 Solar Optimizer 2 LED Tube Light 1 Solar Stand Fan Wiring and Installation	4 Hrs	32,700 31,500	Yes 16" LED TV + 1 LED Tube Light
S36 (1F+4L)	1 Solar Panel – 60W 1 External Battery – 70Ah 1 Solar Optimizer 4 LED Tube Light 1 Solar Stand Fan Wiring and Installation	4 Hrs	43,200 40,000	Yes 19" LED TV + 1 LED Tube Light
S40 (1F+5L)	1 Solar Panel – 60W 1 External Battery – 80Ah 1 Solar Optimizer 5 LED Tube Light 1 Solar Stand Fan Wiring and Installation	4 Hrs	44,500 42,000	Yes 19" LED TV + 1 LED Tube Light

- *Fan and Light included as per Package Detail*

Comparison: BRAC Solar Home System vs Common Solar Home System

Key Attributes	BRAC Solar Home System	Common Solar Home System
1. Solar Inverter	Conversion efficiency = 90 %	Not Applicable
	Zero Static loss	
	Small Size (5%)	
2. Intelligent Power Control (IPT)	Prolonged Battery Life with Active Overload Protection	No Battery Protection against overload
	Constant Brightness regardless of Battery Level	Reduced Brightness at lower Battery Charge level
	Dimming Option to Double Backup time	No User Control to increase Backup time
3. LED Light	Long Life LED Light: 3 Years+	Short Life of FT Lights: Less than 1 Year
	No replacement / maintenance Required	Servicing and Maintenance hassle
	Environment Friendly: No Mercury	Non-degradable Poison: Mercury
	No UV related Health Hazard	Lethal UV (Ultra-Violet ray) causes Cancer
4. System Warranty	Full Replacement Warranty: 3 Years for LED Lights	No warranty in FT lights
	Full Replacement Warranty: 3 Years for Micro-inverter and Charge Controller	1-3 Years in Charge controller
5. Wiring Freedom	Unlimited wiring which offers flexibility to use light anywhere in the house	Short Wiring (less than 20 yards) limits freedom of installation
	No System Loss due to high voltage system	Very High System Loss due to Low Voltage (12V) and require thick wire for long distance support
6. Mobile Charging	Integrated Mobile charging option	Required extra inverter for mobile charging
	Also charge Lanterns, Torch light, Toys, etc.	
7. Battery Cost	Less Battery requirements	Double Battery is Required
	Saved Battery replacement cost by 50%	High Replacement Cost

Terms and Conditions

- Discount price is applicable for 100% cash purchase only.
- Limited installment offer with 50% down payment. Rest 50% can be paid without service charge within 90 days from the date of purchase

Sale Centers

District	Mob Number	District	Mob Number
Srimongol	01769925567	B.Baria, Narshindi	01769925563
Manikganj, Tangail	01769925521	Sylhet	01769925516
Sunamganj	01769925565	Barishal, Faridpur, Madaripur, Shariatpur, Barguna	01769925579
Comilla, Chandpur, Chittagong	01769925569	Satkhira, Khulna	01769925581
Hobiganj	01769925564	Bagerhat, Pirojpur	01769925580
Gazipur	01769925509	Bogra	01769925570
Mymensing, Netrokona, Kishorganj	01769925568	Rangpur, Kurigram	01769925572
Gaibandha, Sirajganj, Pabna	01769925575	Nowgaon	01769925576
Lalmonirhat, Dinajpur	01769925574	Dhaka City	01711809311 01729071074 01769925678



Warranty

- ✓ Solar Panels : 20 years.
- ✓ Battery : 03 years.
- ✓ Solar Micro Inverter with built in Charge Controller : 03 years.
- ✓ Solar Inverter with built in Charge Controller : 03 years.
- ✓ LED Lights : 03 years.



Contact us

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