BLDC Ceiling Fan

MAKE IN INDIA

KAYAM

MADE IN INDIA

KAYAM SOLAR

10 YEARS EXPERIENCE







एन एस आई सी NSIC · MSME · GeM Government eMarketplace · MNRE Approved · ISO 9001:2015 · QCL · MNRE Approved Channel Partner · Energy Saving · Environment Friendly · 100% Guarantee

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KAYAM SOLAR

Kayam Solar is India's largest Solar Products Manufacturing company. It fulfills the needs of a large number of corporate and commercial customers and has also established leadership in the field. The Company ensures that the products have consistent quality and reliability.

Kayam Solar primarily focuses on the corporate and commercial markets. These include institutional, industrial and government organizations as well as commercial establishments such as showrooms, restaurants, banks, hospitals, theaters, shopping malls, boutiques and Etc.

We believe that technological innovation is the key to success in the market place. With our commitment to innovation and assertive global business policies our aim to become a leader eco-friendly products and making them reach your Doorsteps. PWD Approved Product And now presenting before you the world's best solar products.

We are proud to introduce before you the new hybrid solar products with the power of traditional products and high unimaginable capability to save power, save energy for the generations to come. We compete with the international standards and put towards you a challenging variety of product .

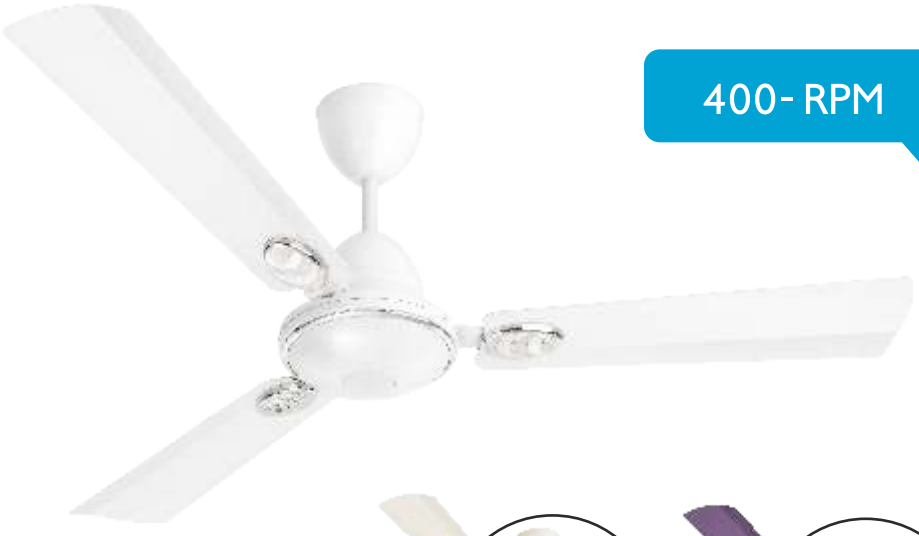
KAYAM®



KAYAM Metallic Premium

BLDC Ceiling Fan

230V, 50Hz (100-280V AC)



400- RPM

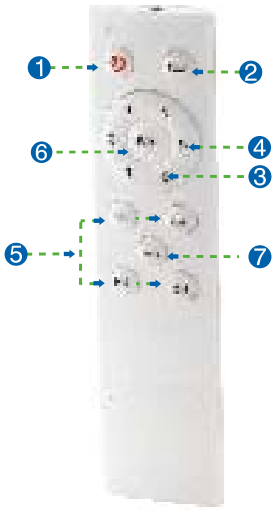
40 Watts







REMOTE CONTROL AND OPERATIONS



1. Turn On/Off Fan
2. Turn On/Off LED Light (0.5 W)
3. On Speed 6 (40 Watt, 400 RPM)
4. Speed Switches 1 to 6
5. Timer Mode, Turn Off Fan After 2, 4, 6, 8 Hour
6. Reverse Rotation For Hot And Cold Air Cirulation
7. In Smart Mode Automatically Reduces Speed Off Fan Up to 12 Hour From Fast To Low

ECONOMICS OF CEILING FAN IN INDIA

	KAYAM BLDC Fan	Regular Fan
Wattage Consumption	32 Watts	75 Watts
Warranty	3 Years	1 Year
Air Delivery	240	210
Units Consumed Per Year	262	493
Electricity Cost Per Year (Rs.)	1260.00	2958.00
Savings Per Year (Rs.)	1698.00	0.00
Savings For 3 Years (Rs.)	5094.00	0.00

1. Usage Of 18 Hours Per Day @ 365 Days
2. Electricity Charges Rs. 6/- Per Unit

3. Saving Calculation Is Based On The 5th Speed, 32 Watt On Regular Fan
this measurements were archived in a lab, Actual results may very based on individual conditions

KAYAM Inverter
BLDC Ceiling Fan

230V, 50Hz (100-280V AC)



375 - RPM

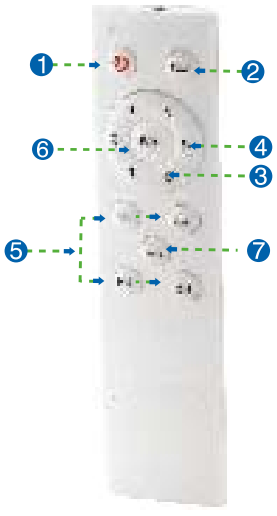
32 Watts







REMOTE CONTROL AND OPERATIONS



1. Turn On/Off Fan
2. Turn On/Off LED Light (0.5 W)
3. On Speed 6 (32 Watt, 375 RPM)
4. Speed Switches 1 to 6
5. Timer Mode, Turn Off Fan After 2, 4, 6, 8 Hour
6. Reverse Rotation For Hot And Cold Air Cirulation
7. In Smart Mode Automatically Reduces Speed Off Fan Up to 12 Hour From Fast To Low

AVAILABLE SWEEP

	900mm	1200mm	1200mm	1400mm
Span (mm/inch)	900/36	1200/48	1200/48	1400/56
Blades	3	3	4	3
Wattage (W)	28	32	48	35
RPM	450	375	400	315
Warranty	2 Year	2 Year	2 Year	2 Year
Air Delivery (CMM)	160	229	250	270
Remote Control	Speed Control, LED Light, Time mode			

Actual Products may vary in color, design, description and color combination etc. although Every extort has been made to ensure accuracy in the compilation of the technical detail within this publication Specification and performance date are constantly changing.

KAYAM ECO

BLDC Ceiling Fan

AC 230V, 50Hz



365 - RPM

30 Watts







SPECIFICATION & APPLICATION

- **Suitable For**
  Hotels, Hospitals, Hostels, School and College

- Only 4 Watt Consumption at 1st Speed
- Max 30 Walt Consumption at 5th Speed



Regulator Operated
BLDC Ceiling fan

ECONOMICS OF CEILING FAN IN INDIA

	KAYAM BLDC Fan	Bee 5 Star Rated Fan	Regular Fan
Wattage Consumption	30 Watts	50 Watts	75 Watts
Warranty	2 Years	2 Years	1 Year
Air Delivery	220	210	210
Units Consumed Per Year	198	328	493
Electricity Cost Per Year (Rs.)	1188.00	1968.00	2958.00
Savings Per Year (Rs.)	1770.00	990.00	0.00
Savings For 3 Years (Rs.)	5310.00	2970.00	0.00

1. Usage Of 18 Hours Per Day @ 365 Days
2. Electricity Charges Rs. 6/- Per Unit

3. Saving Calculated On Regular Fan
this measurements were archived in a lab, Actual results may very based on individual conditions

KAYAM Hybrid
BLDC Ceiling Fan

12V DC - 230V AC

375 - RPM

32 Watts

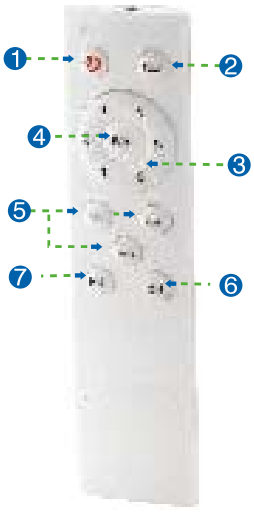






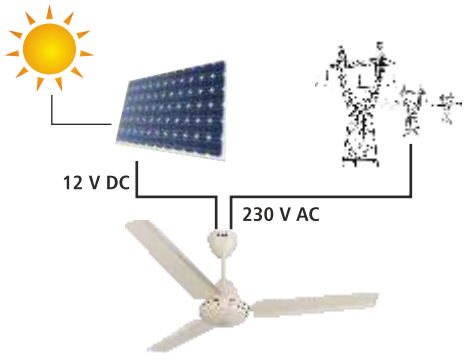


REMOTE CONTROL & OPERATIONS



1. Turn On/Off Fan
2. Turn On/Off LED Light (0.5 W)
3. Speed Switches 1 to 6
4. On Turbo Speed 40 Watt, 400 RPM
5. Timer Mode, Turn Off Fan After 2, 4, 8 Hour
6. Reverse Rotation For Hot And Cold Air Cirulation
7. In Smart Mode Automatically Reduces Speed Off Fan Up to 12 Hour From Fast To Low

OPERATION THEORY



TECHNICAL SPECIFICATIONS

- Hybrid BLDC Ceiling Fan comes with dual input AC230V / DC12V (9V to 18V)
- Fan Main input Priority is 230 V AC if 230V AC is Not Available and Solar or DC Is Available Then Its Automatic Operate In DC Supply

KAYAM Solar Fan

BLDC Ceiling Fan

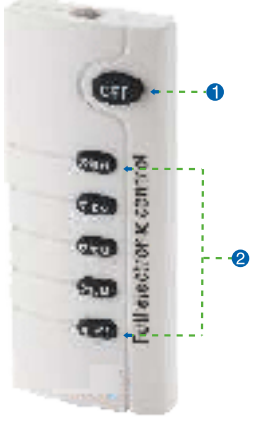








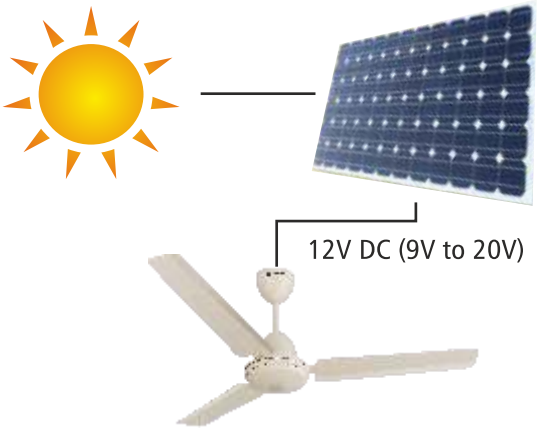
REMOTE CONTROL & OPERATIONS



1. Turn On/Off Fan
2. Speed Switches 1 to 5

OPERATION THEORY

12V BLDC Solar Ceiling Fan Can Direct Run On Any 12V Solar Panel Withthin Range of 60W-150W



SOLAR BLDC CEILING FANS TECHNICAL SPECIFICATIONS

Specification	12V DC	24V DC
DC Voltage	9V - 20V	20V - 30V
Current Rating	2.7A	1.1A
Consumption	32W	28W
Sweep	1200 mm	1200 mm
Air Delivery	220 CMM	220 CMM
Motor	Sensorless BLDC	Sensorless BLDC
Speed	375 rpm	375 rpm

Features



Available Colors

- White
- Ivory
- Brown
- Matt Brown

State Of Art BLDC technology

Triple Invertor's Backup Hours in invertor fan

Lowest Heat Emission

No Humming Noise

Sleep Mode that reduces the speed after set hours and saves energy

Highest Service Value (Air Delivery/Watt)

Blocked Blade, Over Voltage, Under Voltage And Over Current Protection

Full Speed Even At Low Voltage & Power Fluctuations

Compliant With 374:1979 Standards

High Grade CRNO Lamination

100% High Quality Copper Winding

More Than 60% Saving on Electricity

स्वच्छ भारत
एक कदम स्वच्छता की ओर



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