

The logo for 3POL, featuring a stylized green leaf icon to the left of the text "3POL" in a bold, white, sans-serif font.

EMPOWERING INNOVATION,
ENERGY EFFICIENT POWER ELECTRONICS



Office G201 - 204, National Science & Technology Park (NSTP)
NUST, Sector H-12, Islamabad, Pakistan

sales@rapidev.ae | +92-51-8849001
www.3pol.com

The 3POL logo is displayed on a black, square microchip. The chip is set against a background of a complex circuit board with various components and traces. The logo consists of a green leaf icon and the text "3POL" in white, with "EMPOWERING INNOVATION" in smaller white text below it.

CONTROLLER KITS

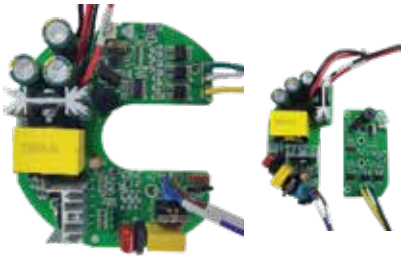
ENERGY EFFICIENT PCB KITS

Step into the future of energy-efficient home appliances with 3POL's PCB Controller Kits. From optimizing fans to enhancing coolers, our kits offer reliability, versatility, and advanced control. Embrace innovation and efficiency in every appliance for your home or commercial space.



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AC-DC CEILING FAN 12V KIT



Specifications

- Rated Power: 65W
- Rated Input: AC 220V and DC 15V
- Input range: AC 90-265V and DC 8-20 V
- Rated Output: DC 15 V, 3.5A
- RPM: 130-390 RPM
- Efficiency: $\geq 86\%$
- Power Factor: ≥ 0.98

Features

- Speed control
- RF and IR remote control.
- Mobile Phone App.
- Google assistant and Alexa.
- Fan auto-off timer.
- Speed change/ON-OFF indicated by buzzer sound.
- High quality and high power factor.

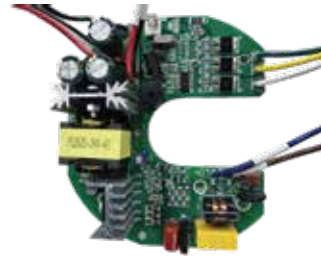
Mains Protection

- Voltage Protection.
- Current Protection.
- Short Circuit Protection

Motor Control Protection

- Over Current protection.
- Under and Over Voltage protections.
- Phase loss Protection.
- Stall Protection.
- Power Limit Protection.
- Speed limit protection.

AC-DC CEILING FAN 24V KIT



Specifications

- Rated Power: 65W
- Rated Input: AC 220V and DC 24V
- Input range: AC 90-265V and DC 13-27 V
- Rated Output: DC 24 V, 2.7A
- RPM: 130-390 RPM
- Efficiency $\geq 86\%$
- Power Factor ≥ 0.98

Features

- Speed control
- RF and IR remote control.
- Mobile Phone App.
- Google assistant and Alexa.
- Fan auto-off timer.
- Speed change/ON-OFF indicated by buzzer sound.
- High quality and high power factor.

Mains Protection

- Voltage Protection.
- Current Protection.
- Short Circuit Protection

Motor Control Protection

- Over Current protection.
- Under and Over Voltage protections.
- Phase loss Protection.
- Stall Protection.
- Power Limit Protection.
- Speed limit protection.

INVERTER CEILING FAN KIT



Specifications

- Rated Power: 65W
- Rated Input: AC 220V
- Input range: AC 90-265V
- Rated Output: DC 300 V, 0.22A
- RPM: 130-350 RPM
- Efficiency $\geq 86\%$
- Power Factor ≥ 0.98

Features

- Speed control.
- RF remote Control.
- IR remote Control.
- Button Control.
- Fan auto-off timer.
- Speed change/ON-OFF indicated by buzzer sound.
- High quality and high power factor.

Mains Protection

- Voltage Protection.
- Current Protection.
- Short Circuit Protection

Motor Control Protection

- Over Current protection.
- Under and Over Voltage protections.
- Phase loss Protection.
- Stall Protection.
- Power Limit Protection.
- Speed limit protection.

INVERTER COOLER KIT



Specifications

- Rated Power: 350W
- Rated Input: AC 220V
- Input range: AC 90-265V
- Rated Output: DC 300V, 1.6A
- RPM: 130-1400 RPM
- Efficiency: $\geq 86\%$
- Power Factor: ≥ 0.98

Features

- Speed control.
- RF remote Control.
- Button Control.
- Dimmer Switch Control.
- Fan auto-off timer.
- Speed change/ON-OFF indicated by buzzer sound.
- High quality and high power factor.

Mains Protection

- Voltage Protection.
- Current Protection.
- Short Circuit Protection

Motor Control Protection

- Over Current protection.
- Under and Over Voltage protections.
- Phase loss Protection.
- Stall Protection.
- Power Limit Protection.
- Speed limit protection.