Wireless motor pump controller







Model	FBXMPC01	FBXMPC02	FBXMPC03
Communication range	20-30 meters (indoors) 100-120 meters (outdoors)	50-60 meters (indoors) 200-400 meters (outdoors)	2-4 kilometers (outdoors)
Transmitter type	Remote controller (hand held) battery operated	Wall mount ON/OFF switch (power supply operated)	Wall mount ON/OFF switch (power supply operated)
Receiver type	Motor controller	Motor controller	Motor controller
Remote and Manual ON/OFF	Yes	Yes	Yes
Transmitter mounting needed	No	Yes	Yes
Remote quality	Indoor purpose only	ABS (weather proof)	ABS (weather proof)
External transmitter antenna	No	Yes	Yes (with extended 1 meter RF cable)
Number of adapters with the set	1	2	2
Warranty	1 year	1 year	1 year
Application	Residential	Residential / commercial	Industrial

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Wireless motor pump controller

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Specifications

Model: **FBXMPC01**

Range of communication:
20 – 30 meters indoors
100 – 120 meters outdoors (line of sight)

Remote controller (hand held):
Battery operated (12VDC), battery type: 23A
Battery life 2-4 years
Battery replicable: Yes
Remote controller size:120 x 40 x 20 mm
Remote controller weight: 45 gms

Pump controller receiver (wall mount):
Operating voltage: 12VC
(110-220VAC-50/60Hz to 12VDC adapter supplied)
Remote controller size:240 x 140 x 80 mm
Remote controller weight: 480 gms

Remote buttons:
Top => to turn ON the pump
Bottom => to turn OFF the pump

Pump controller buttons:
RED button: Not pressed (default) => Remote mode
RED button pressed => Controller in manual mode

Indicators for pump controller receiver:
Power: GREEN
Sync: BLUE
Remote mode: RED
Manual mode: RED
Start contactor: YELLOW
Motor ON: GREEN

Contactor points:
2 nos. of potential free relay contactor (20Amp) capacity @ 220VAC. Start contactor (momentary ON) to activate the motor start. Start contactor is in parallel connection to the start button of the starter. Second contactor (in series to the stop button) for turning off the motor

Application and features:
Turning motor pump ON/OFF from a distant location
Automation / manual mode of operation
Automatic mode: Remote controller used to turn ON/OFF
Manual mode: Existing pump starter used to turn ON/OFF
(In manual mode, remote controller signals are bypassed)



Wireless motor pump controller

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Specifications

Model: **FBXMPC02**

Range of communication:
50 – 60 meters indoors
200 – 400 meters outdoors (line of sight)

Transmitter controller:
Operating voltage: 12VDC
(110-220VAC-50/60Hz to 12VDC adapter supplied)
Remote controller size:150 x 90 x 55 mm
Remote controller weight: 200 gms

Pump controller receiver:
Operating voltage: 12VC
(110-220VAC-50/60Hz to 12VDC adapter supplied)
Remote controller size:240 x 140 x 80 mm
Remote controller weight: 480 gms

Remote buttons:
ON => to turn ON the pump
OFF => to turn OFF the pump

Pump controller buttons:
RED button: Not pressed (default) => Remote mode
RED button pressed => Controller in manual mode

Indicators for pump controller receiver:
Power: GREEN
Sync: BLUE
Remote mode: RED
Manual mode: RED
Start contactor: YELLOW
Motor ON: GREEN

Contactor points:
2 nos. of potential free relay contactor (20Amp) capacity @ 220VAC. Start contactor (momentary ON) to activate the motor start. Start contactor is in parallel connection to the start button of the starter. Second contactor (in series to the stop button) for turning off the motor

Application and features:
Turning motor pump ON/OFF from a distant location
Automation / manual mode of operation
Automatic mode: Remote controller used to turn ON/OFF
Manual mode: Existing pump starter used to turn ON/OFF
(In manual mode, remote controller signals are bypassed)



Wireless motor pump controller

Specifications

Model: **FBXMPC03**

Range of communication:
2 – 3 kilometers in urban area
6 – 7 kilometers in open line of sight (LoS)

Transmitter controller:
Operating voltage: 12VDC
(110-220VAC-50/60Hz to 12VDC adapter supplied)
Transmitter size:150 x 90 x 55 mm
Alarm button size: 200 x 90 x 45 mm
Transmitter weight: 250 gms
Alam button weight: 150 gms

Pump controller receiver:
Operating voltage: 12VC
(110-220VAC-50/60Hz to 12VDC adapter supplied)
Remote controller size:240 x 140 x 80 mm
Remote controller weight: 480 gms

Remote buttons:
Press RED button => to turn ON the pump
Release RED button (rotate clockwise)=> to turn OFF the pump

Pump controller buttons:
RED button: Not pressed (default) => Remote mode
RED button pressed => Controller in manual mode

Indicators for pump controller receiver:
Power: GREEN
Sync: BLUE
Remote mode: RED
Manual mode: RED
Start contactor: YELLOW
Motor ON: GREEN

Contactor points:
2 nos. of potential free relay contactor (20Amp) capacity @ 220VAC. Start contactor (momentary ON) to activate the motor start. Start contactor is in parallel connection to the start button of the starter. Second contactor (in series to the stop button) for turning off the motor

Application and features:
Turning motor pump ON/OFF from a distant location
Automation / manual mode of operation
Automatic mode: Remote controller used to turn ON/OFF
Manual mode: Existing pump starter used to turn ON/OFF

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