



the little power expert...

PRODUCT CATALOGUE 2020

www.fcwindia.com



Since 1991

COMPANY PROFILE

FCW Technologies is Quality Focused Company that provides complete solution to power supply. Fully dependent on ultra-modern production facilities, we, FCW Technologies have been operating in the domain of electrical products since 1991. Our company has great reputation as an expert manufacturer and supplier of different types of Transformers, SMPS, Adaptors, R.O. Power Accessories, and many more. Our company provides electro power solution and satisfies customers by offering them Power Management Products and R.O Power Accessories at competitive prices.

We have an ISO 9001:2000, CE, BIS Certificate.

PRODUCT LINE ▲

ELECTRONIC SENSOR ▲

INDUSTRIAL R.O. CONTROLLER ▲

WATER LEVEL CONTROLLER ▲

SMPS ADAPTER ▲

DC ADAPTER ▲

UV BALLAST (CHOCK) ▲

SMPS FOR CCTV ▲

LED DRIVER



MASTER CONTROLLER - MC101



Since 1991



SSRS6
Magnetic Sensor

Floaty

FEATURES

1. Auto & Manual selection switch.
2. High pressure pump can be set on 0 to 5 min. delay time. ("0" means no delay times)
3. Dry run protection for Raw water pump & high pressure pump.
4. Auto Flusher ON time set (0 to 2.5 min.) and display provided. ("0" means off condition)
5. 8 function status indications.
6. Maximum pump load up to 3HP.
7. Auto Restart Procedure. (Restart after 15 Sec.)

SPECIFICATIONS

- MODEL - MC101, MC101H
- I/P Voltage - 230 V AC, (170 V AC - 280 V AC) 1Ø, 50Hz
- R/W pump - 230V AC, 3HP (1Ø) Max.
- High pressure pump - 230V AC, 3HP (1Ø) Max.
- Dosing pump - 230V AC, 1HP (1Ø) Max.
- Auto Flusher - 230VAC
- Low pressure protection (total system off)
- High pressure protection (total system off)
- Mounting - Panel mounting / Table top
- Dimension - L 150 X W 135 X H 80 mm.
- Cutout Dimension - W 115 X H 80 mm.
- Operating Environment - 0 to 60°C
- Gross Weight - 1 kg. (approx)
- Suitable for **500 to 1000 ltr.**

MASTER CONTROLLER - MC12 AC



SSRS6
Magnetic Sensor

Floaty

FEATURES

1. Fully Automatic operating system.
2. 7 function status indications.
3. Prefix Ideal setting.
4. Low pressure protection. (Total system Off)
5. Light weight and compact size.
6. With mounting clamps.

SPECIFICATIONS

- MODEL - MC12 AC
- I/P Voltage - 230 V AC, (170 V AC - 280 V AC) 1Ø, 50Hz
- R/W pump - 230 V AC, 1HP (1Ø) Max.
- High pressure pump - 230 V AC, 2HP (1Ø) Max.
- Auto Flusher - 24VDC
- Flushing Time - 30-35 Sec.
- Solenoid Valve - 230 V AC
- LPS active - after 15 sec.
- LPS Restart Time - 30 min.
- Dimension - L 112 X W 72 X H 80 mm.
- Gross Weight - 0.750 Kg.
- Suitable for **100 to 250 ltr.** R.O. system.

MASTER CONTROLLER - MC5DC



SSRS6
Magnetic Sensor

Floaty

FEATURES

1. Prefix Ideal setting.
2. 5 function status indication.
3. Auto restart procedure.
4. LPS protection (total system off)

SPECIFICATIONS

- MODEL - MC5DC
- Input Voltage - 24/36V DC
- Pump Voltage - 24/36V DC (as per I/P)
- Current capacity - 5 AMP. (max.)
- Sensor Voltage - 12V DC
- Auto Flusher - 24/36V DC (as per I/P)
- Flushing Time - 30-35 Sec.
- Solenoid Valve - 24/36V DC (as per I/P)
- LPS Active - after 15 sec.
- LPS Restart Time - 30 min.
- Dimension - L 135 X W 60 X H 38 mm.
- Gross Weight - 0.140 kg. (approx)
- Suitable for **25 ltr.** R.O. system.

MASTER CONTROLLER - MC5DC-DUAL



SSRS6
Magnetic Sensor

Floaty

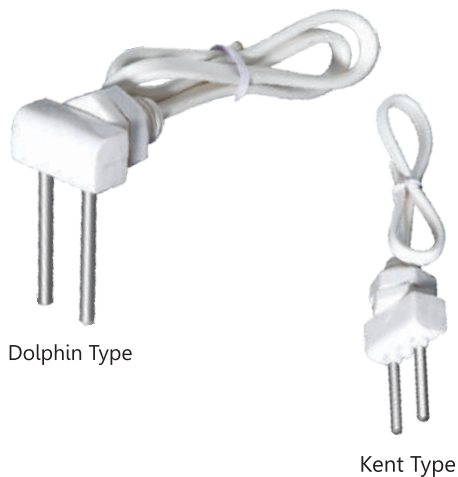
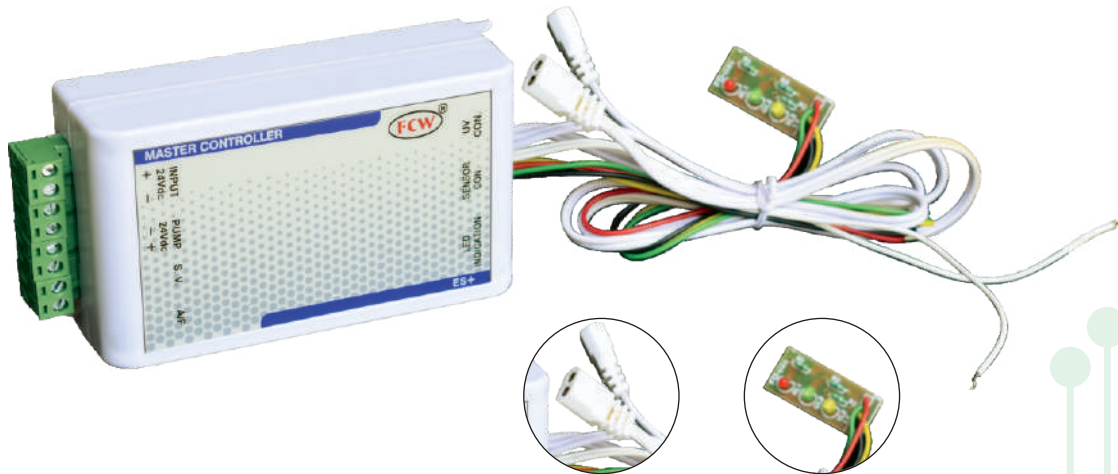
FEATURES

1. Prefix Ideal setting.
2. 7 function status indications.
3. Auto restart procedure.
4. LPS Protection (total system off)

SPECIFICATIONS

- MODEL - MC5DC-DUAL
- Input Voltage - 24/36V DC (Dual)
- Pump Voltage - 24/36V DC (as per I/P)
- Current Capacity - up to 5 AMP. (max.)
- Sensor Voltage - 12V DC
- Auto Flusher - 24/36V DC (as per I/P)
- Flushing Time - 30-35 Sec.
- Solenoid Valve - 24/36V DC (as per I/P)
- LPS Active after 15 Sec.
- LPS Restart Time - 30 min.
- Dimension - L 135 X W 60 X H 38 mm.
- Gross Weight - 0.150 kg. (approx)
- Suitable for **50 ltr.** R.O. system.

MASTER CONTROLLER - ES+

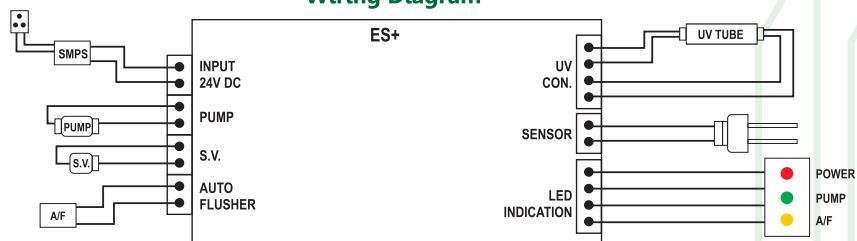


SPECIFICATIONS

- MODEL - ES+
- Input Voltage - 24V DC / 36V DC
- Pump Voltage - 24V DC / 36V DC (as per I/P)
- Current Capacity - 5 AMP. (max.)
- Solenoid Valve - 24/36V DC (as per I/P)
- Auto Flusher - 24/36V DC (as per I/P)
- Flushing Time - 30-35 Sec.
- UV Output - 9W to 12W (UV Tube)
- Buzzer Indication for UV system failure.
- Sensor - Kent & Dolphin type
- LED Indication (power, pump, Auto Flusher)
- Dimension - L 110 X W 36 X H 62 mm.
- Gross Weight - 0.200 kg. (approx)
- Suitable for Counter Top R.O. system (10 to 15 ltr.)

Note : Pump will be Start after 30 Seconds.

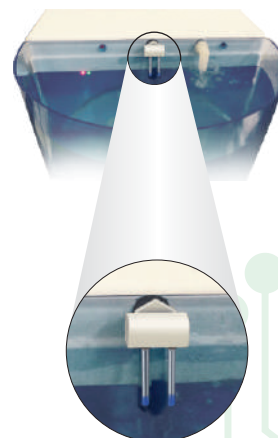
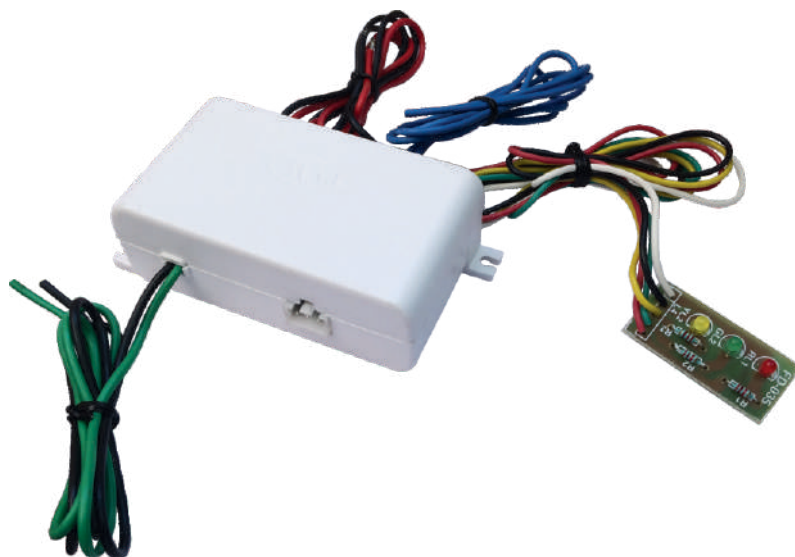
Wiring Diagram



ELECTRONIC SENSOR



Since 1991



Dolphin Type



Kent Type

Type of Model

ES24D	ES24DL	ES24DAF	ES24DAFL
ES24K	ES24KL	ES24KAF	ES24KAFL
ES36D	ES36DL	ES36DAF	ES36DAFL
ES36K	ES36KL	ES36KAF	ES36KAFL

Product — ES 36 K AF L
 Volt — "K"
 "D"
 Dolphin
 LED Indication — Auto Flusher

SPECIFICATIONS

- Input Voltage - 24/36V DC
- Pump Voltage - 24/36V DC (as per I/P)
- Current Capacity - 3 AMP. (max.)
- Auto Flusher - 24/36V DC (as per I/P)
- Flushing Time - 30-35 Sec.
- Applicable for Counter Top R.O. system (10 to 15 ltr.)
- This Product replace to float valve

WATER LEVEL CONTROLLER - WLC AC3A



SPECIFICATIONS

- MODEL - WLC AC3A
- Input Voltage - 230V AC
- Output Voltage - 230V AC
- Current capacity - 3 AMP. (max.)
- Sensor Voltage - 12V DC (Isolated)
- Dimension - L 60 X W 40 X H 87 mm.
- Gross Weight - 0.250 kg. (approx)



WATER LEVEL CONTROLLER - WLC ADVANCE



FEATURES

1. Fully Automatic operating system.
2. Auto and manual selection switch.
3. Bypass S/W
4. Dry run protection for pump.
5. Light weight and compact size.
6. Easy to installation.
7. With mounting clamp.

SPECIFICATIONS

- MODEL - WLC ADVANCE
- Input Voltage - 230V AC
- Output Voltage - 230V AC
- Current Rating - 10 AMP. (max.)
- Pump Capacity - 2 HP/1Ø (max.)
- Sensor Voltage - 12V DC (Isolated)
- Dimension - L 142 X W 90 X H 50 mm.
- Gross Weight - 0.800 Kg.

MAGNETIC SENSOR



SSRS3



SSRS6



SSRS12



SS BAR

U.V. BALLAST (CHOCK)



SPECIFICATIONS

- MODEL - UVAC10W
- Input Voltage - 230V AC/50Hz
- Output Watt - 9 W to 12 W
- I/P Voltage Range - 100V to 300V AC
- Dimension - L 70 X W 40 X H 25 mm.
- Gross Weight - 0.060 kg.
- Applicable for UV tube



SPECIFICATIONS

- MODEL - UVDC10W24
- Input Voltage - 24V DC
- Output Watt - 9 W to 12 W
- Dimension - L 110 X W 43 X H 25 mm.
- Gross Weight - 0.100 kg.
- Applicable for UV tube

SMPS ADAPTOR FOR R.O. SYSTEM



FEATURES

1. Over load protection.
2. Short circuit protection.
3. High voltage protection.
4. Soft start.
5. Light weight.
6. Advantage for R.O. application use by FCW SMPS.
 - * Constant water flow any where.
 - * No over stress on membrane, S.V. Pump and other elements.

BIS Approval



SPECIFICATIONS

■ Operating Volt - 230V AC/50Hz (140 VAC-280VAC)

Model	Voltage Range	Current Cap.
SM2415	24 VDC	1.5 Amp.
SM2425	24 VDC	2.5 Amp.
SM3615	36 VDC	1.5 Amp.



Model	Voltage Range	Current Cap.
SM2430	24 VDC	3.0 Amp.
SM3620	36 VDC	2.0 Amp.
SM4815	48 VDC	1.5 Amp.



Model	Voltage Range	Current Cap.
SM2450	24 VDC	5.0 Amp.
SM3630	36 VDC	3.0 Amp.
SM4820	48 VDC	2.0 Amp.



Model	Voltage Range	Current Cap.
SM2415PI	24 VDC	1.5 Amp.
SM2425PI	24 VDC	2.5 Amp.
SM3615PI	36 VDC	1.5 Amp.



DC ADAPTOR



SPECIFICATIONS

- Operating Volt - 230V AC
- Body Material - ABS Virgin (Black)
- Weight - 0.900 Kg. (approx)

Voltage Rang	Current Cap.
24/36/48V DC	1.2 Amp.
24/36/48V DC	1.5 Amp.

SPECIFICATIONS

- Operating Volt - 230V AC
- Body Material - ABS Virgin (Black)
- Weight - 1.500 Kg. (approx)

Voltage Range	Current Cap.
24/32/36/48V DC	2.0 Amp.
24/32/36V DC	3.0 Amp.
24V DC (Metal Body)	5.0 Amp.



AUTO FLUSHER



SPECIFICATIONS

- MODEL - FC 35
- Operating Volt - 24/36 V DC
- Flush Timing - 30-35 Sec
- Dimension - L 75 X W 45 X H 25 mm.
- Body Material - ABS Virgin (white)

OTHER PRODUCTS



Since 1991

SMPS 3W to 300W



SMPS 120W



SMPS PoE



CCTV Power Supply



SMPS 12W
(for Weighing Scale & Setup Box)

LED DRIVER 12W to 150W



LED DRIVER 18-30W



LED DRIVER 36-55W



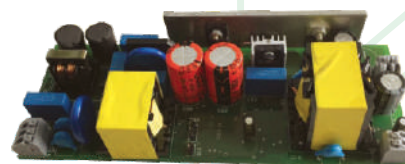
LED DRIVER 60-80W



SM150W



LED DRIVER 70W



LED DRIVER 150W

TRANSFORMER



Transformer



SMPS Transformer

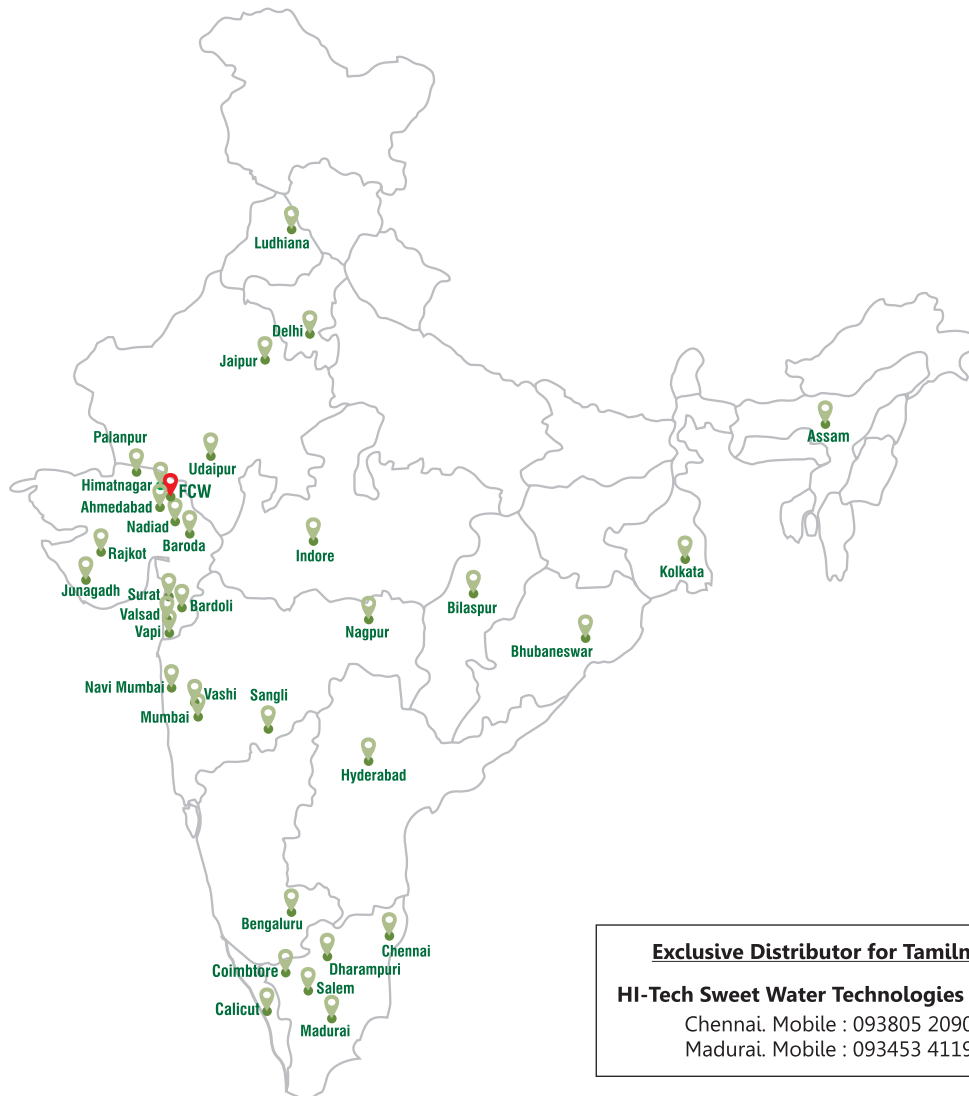


SMPS Transformer



SMPS Transformer

DEALER NETWORK



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the little power expert...

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BIS Approval



An ISO 9001:2008 Certified Company



company details



product catalogue