



Since 1991



the little power expert...



PRODUCT CATALOGUE

COMPANY PROFILE



Since 1991

FCW Technologies Group was **founded in 1991** with a mission to provide electro power solution by manufacturing of power products with its original brand name of **"FCW"** Today, our company has a great reputation as an expert manufacturer of various types of SMPS, Adapters, DC-DC converter, Power controller & many more.

We have an certification

BIS Approval



R-72003107 An ISO 9001:2008 Certified Company



SMPS ADAPTER

TABLE TOP

FEATURES

- Efficiency More than 86%.
- Input & Output fully Protection.
- Minimum Noise ripple.
- Less than 0.5% Line regulation.
- Less than 5% Load regulation.
- Sustainable in worse input power condition.
- Short circuit protection.
- Over Load protection.
- Surge voltage protection up to 3kv.
- Soft start System

CERTIFICATION

BIS Approval



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Since 1991



SMPS 12W

- 12V / 0.5A
- 12V / 1A
- 5V / 1A
- 5V / 2A
- 6V / 1A
- 6V / 2A
- 8V / 1A

Size - L70 x W47 x H30mm



SMPS 36W

- 12V / 2A
- 12V / 3A
- 9V / 3A
- 24V / 1.5A
- 9V / 2A

Size - L113 x W49 x H30mm



DCPIN



CABLE FILTER



LAPTOP CABLE



3PIN TOP



SMPS 72W

- 12V / 5A
- 24V / 4A
- 24V / 3A
- 36V / 2A

Size - L125 X W60 X H37 mm



SMPS 120W

- 12V / 10A
- 24V / 5A
- 48V / 3A
- 36V / 3A

Size - L161 X W76 X H46 mm



DCPIN



CABLE FILTER



COMPUTER CABLE



3PIN TOP

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SMPS POWER SUPPLY

OPEN FRAME



Since 1991

FEATURES

- Efficiency More than 86%.
- Input & Output fully Protection.
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- Short circuit protection.
- Over Load protection.
- Surge voltage protection up to 3kv.
- Soft start System



SMPS 12W

- 12V / 0.5A
- 5V / 1A
- 12V / 1A
- 5V / 2A

Size : L70 x W41 X H22mm



SMPS 36W

- 12V / 3A
- 12V / 2A
- 24V / 1.5A
- 5V / 5A

Size : L 80 x W 43 X H 25mm



SMPS 72W

- 12V / 5A
- 24V / 3A
- 24V / 4A

Size : L 115 x W 55 x H 30 mm



SMPS 120W

- 12V / 10A
- 24V / 5A
- 48V / 3A
- 36V / 3A

Size : L 110 x W 90 X H 40mm

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SMPS POWER SUPPLY

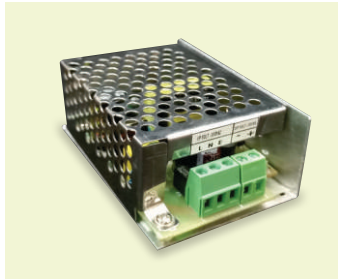
METAL ENCLOSURE



Since 1991

FEATURES

- Efficiency More than 86%.
- Input & Output fully Protection.
- Minimum Noise ripple.
- Less than 0.5% Line regulation.
- Less than 5% Load regulation.
- Sustainable in worse input power condition.
- Short circuit protection.
- Over Load protection.
- Surge voltage protection up to 3kv.
- Soft start System



SMPS 36W

- 12V / 3A
- 12V / 2A
- 24V / 1.5A
- 5V / 5A

Size : L 85 x W 58 x H 33 mm



SMPS 72W

- 12V / 5A
- 24V / 3A
- 24V / 4A
- 36V / 2A

Size : L 113 x W 78 x H 40mm



SMPS 120W

- 12V / 10A
- 24V / 5A
- 48V / 3A
- 36V / 3A

Size : L 130 x W 98 x H 40mm



SMPS 240W

- 12V / 15A
- 12V / 20A
- 24V / 10A
- 48V / 5A

Size : L 163x W 95 X H 46mm

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SMPS ADAPTER

PLUG IN TYPE



Since 1991

FEATURES

- Efficiency More than 86%.
- Input & Output fully Protection.
- Minimum Noise ripple.
- Less than 0.5% Line regulation.
- Less than 5% Load regulation.
- Sustainable in worse input power condition.
- Short circuit protection.
- Over Load protection.
- Surge voltage protection up to 2kv.
- Soft start System



SMPS 6W

- 12V / 0.5A
- 5V / 1A
- 6V / 1A

Size : L 60 x W 38 x H 26mm



SMPS 12W

- 12V / 1A
- 6V / 2A
- 8V / 1A
- 5V / 2A

Size : L 80 x W 51 x H 30mm



SMPS 36W

- 24V / 1.5A
- 24V / 2.5A
- 12V / 2A
- 12V / 3A

Size : L 100 x W 58 x H 41mm

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EV CHARGER



Since 1991

FEATURES

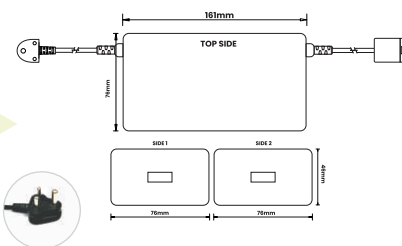
- High efficiency & low energy consumption
- 3 Colour LED indication
- Short circuit protection with auto restart
- Surge voltage protection up to 6KV
- Input & Output fully Protection
- Minimum Noise ripple
- Less than 0.5% Line regulation
- Sustainable in worse input power condition
- Soft start System
- Battery Reverse protection available
- Deep discharge Charging capability
- Over charge, Temperature & Voltage Protection
- Enhances the Battery life
- 4 Stage Charging (Trickle, CC, CV, Float) with Boost stage
- Application for EV Battery Charging



EVC 72W

- 12V / 5A
- 24V / 3A
- 36V / 2A

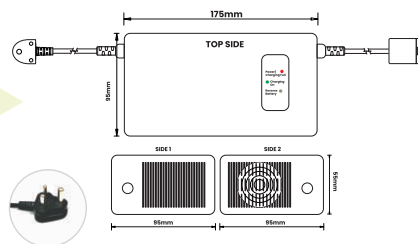
Size : L 161 x W 76 x H 46mm



EVC 240W

- 48V / 3A
- 48V / 5A
- 36V / 3A
- 36V / 5A
- 60V / 3A
- 24V / 5A

Size : L 175 x W 95 x H 55 mm



BATTERY CHARGER



Since 1991

FEATURES

- High Efficiency & Low energy consumption
- Overload protection.
- Short circuit protection.
- Surge voltage protection 3kv.
- Soft start.
- Less than 0.5% Line regulation.
- Low no-load input power.
- Excellent CV / CC regulation
- Minimum Noise ripple
- Enhances the Battery life
- 2 Colour LED indication



BC 18W

• 12V / 1A • 12V / 1.5A

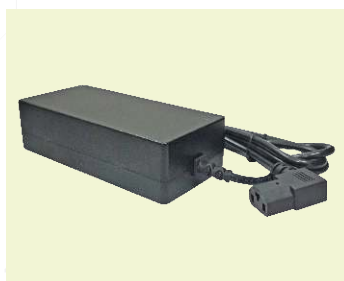
Size : L 113 x W 49 x H 30mm



BC 36W

• 12V / 3A • 12V / 2A

Size : L 175 x W 95 x H 55mm



BC 120W

• 12V / 5A • 12V / 10A

Size : L160 x W75 x H45mm



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ELEVATOR POWER SUPPLY



Since 1991

FEATURES

- High Efficiency & low energy consumption
- Power LED indication
- Short circuit protection with auto restart
- Compact size
- Surge voltage protection up to 6 KV
- Input and Output fully Protection
- Minimum Noise ripple
- Less than 0.5% Line regulation
- Less than 5% Load regulation
- Sustainable in worse input power condition
- Soft start System
- With ON-OFF Switch
- Application for ELEVATORS & ESCALATOR



SMPS 135W

- **Model-SM2450D1210A**
- **O/P CH1-24VDC/5A**
- **O/P CH2-12VDC/1A**
- **WITH ON-OFF SWITCH**

Size-L161 x w76 x H46 mm



OUTPUT



SMPS 120W

- **24V / 5A**
- **12V / 10A**

Size : L 130 x W 98 x H 40mm

CCTV POWER SUPPLY



Since 1991

FEATURE & TECHNICAL DETAIL

- Input Voltage 140 - 280VAC, 50Hz.
- Output voltage 12VDC-1AMP (max) Each channel.
- Stabilized output & low interference.
- High efficiency & low energy consumption.
- Power LED indication.
- Short circuit protection with auto restart.
- Over load protection (separately for all channels).
- Surge protection 3kv.
- Output Voltage adjustable as per cable length.
- Less than 0.5% Line regulation.



SMPS PoE

- **Model - SM3805PoE**
SM4808PoE



4 CHANNEL

- **Model - CC1250AC**
- **Application for 4 Channel CCTV camera**



8 CHANNEL

- **Model - CC1280AC**
- **Application for 8 Channel CCTV camera**

SMPS FOR R.O SYSTEM

FEATURES

- Over load protection.
- Short circuit protection.
- High voltage protection.
- Soft start.
- Light weight.
- 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.
- Less than 0.5% Line regulation

CERTIFICATION

BIS Approval



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Since 1991



SMPS 36W

• **24V / 1.5A**

Size : L 113 x W 49 x H 30mm



SMPS 72W

• **24V / 2.5A** • **24V / 3A**
• **36V / 1.5A** • **36V / 2A**

Size : L 123 X W 59 X H 35mm



SMPS 120W

• **24V / 5A** • **36V / 3A**
• **48V / 2A**

Size : L 160 X W 75 X H 45mm



SMPS 60W (Plug in Type)

• **24V / 1.5A** • **12V / 2A**
• **24V / 2.5A** • **12V / 3A**

Size : L 100 x W 58 x H 41mm

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MASTER CONTROLLER

MODEL - MC101L, MC101H

Dimension - L 150 X W 135 X H 80 mm.

Cutout Dimension - W 115 X H 80 mm.

Use only this types sensor



SSRS6
Magnetic Sensor

Floaty

FEATURES

- Auto & Manual selection switch.
- High pressure pump can be set on 0 to 5 min. delay time. ("0" means no delay times)
- Dry run protection for Raw water pump & high pressure pump.
- Auto Flusher ON time set (0 to 2.5 min.) & display provided. ("0" means off condition)
- 8 function status indications.
- Maximum pump load up to 3HP.
- Auto Restart Procedure. (Restart after 15 Sec.)
- Less than 0.5% Line regulation.

SPECIFICATIONS

- 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
- Operating Environment - 0 to 60°C
- Gross Weight - 1kg. (approx)
- Suitable for 500 to 1000 ltr.



MASTER CONTROLLER

MODEL - MC12 AC

Dimension - L 112 X W 72 X H 80 mm.

Use only this types sensor



SSRS6
Magnetic Sensor

Floaty

FEATURES

- Fully Automatic operating system.
- 7 function status indications.
- Prefix Ideal setting.
- Low pressure protection. (Total system Off)
- Light weight and compact size.
- With mounting clamps.
- Less than 0.5% Line regulation.

SPECIFICATIONS

- 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.
- Gross Weight - 0.750 Kg.
- Suitable for 100 to 250 ltr. R.O. system.



MASTER CONTROLLER MODEL - MC5DC

Dimension - L 135 X W 60 X H 38 mm.

Use only this types sensor



FEATURES

- Prefix Ideal setting.
- 5 function status indication.
- Auto restart procedure.
- LPS protection (total system off)
- Less than 0.5% Line regulation.

SPECIFICATIONS

- 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.
- Gross Weight - 0.140 kg. (approx)
- Suitable for **25 Ltr.** R.O. system.



MASTER CONTROLLER MODEL - MC5DC-DUAL

Dimension - L 135 X W 60 X H 38 mm

Use only this types sensor



FEATURES

- Prefix Ideal setting.
- 7 function status indications.
- Auto restart procedure.
- LPS Protection (total system off)
- Less than 0.5% Line regulation.

SPECIFICATIONS

- 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.
- Gross Weight - 0.150 kg. (approx)
- Suitable for **50 Ltr.** R.O. system.



WATER LEVEL CONTROLLER MODEL - WLC AC3A

Dimension - L 60X W 40 X H 87 mm

SPECIFICATIONS

- Input Voltage - 230V AC
- Output Voltage - 230V AC
- Current Capacity - 3 AMP. (max.)
- Sensor Voltage - 12V DC (Isolated)
- Gross Weight - 0.250 kg (Approx)

CONTROL TRANSFORMERS

- 5VA TO 1100VA Transformers
- Single Phase Transformers
- Isolate & Non-isolate Transformers

APPLICATION

- Industrial Control Panel.
- Control Panel.
- Electronic Weighing Scale.
- Heat Seal Machine.
- Electrical & Electronic Application.
- We make customize also.

transcore[®]
TRANSFORMERS



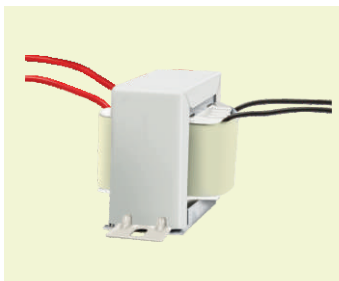
5VA-12VA

- **Pin Type
(PCB Mounted)
Transformers**



5VA-20VA

- **C Clamp
Transformers**



A12VA-20VA

- **C Clamp Special
Transformers**



50VA-1100VA

- **L Clamp Transformers**

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TRANSFORMERS & MAGNETIC COMPONENTS

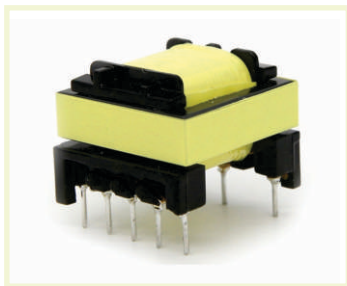


WHAT WE SERVE

- SMPS TRANSFORMER
- FERRITE TRANSFORMER
- ALL TYPE OF INDUCTOR
- LINE FILTER CHOCK
- DRUM COIL
- TOROIDAL COIL

SPECIFICATIONS

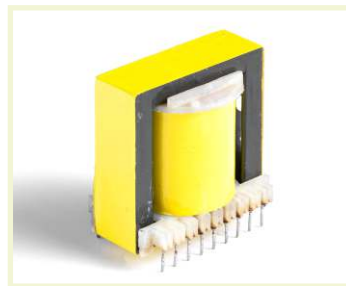
- Inductance with winding as per user design.
- Primary inductance standard $\pm 10\%$
- Leakage inductance below 3% of primary inductance.
- High flux density, low eddy current losses
- Transformer with multiple winding & multiple wire as per user design.
- **We make customize also.**



EE SERIES



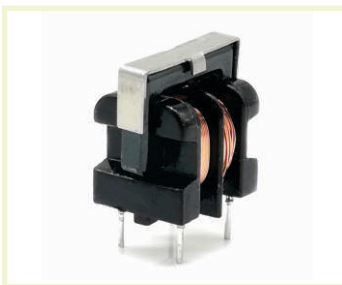
PQ SERIES



ETD & EER SERIES



SOLAR ZATKA MACHINE TRANSFORMER



**COMMON MODE CHOCK
UU Series & EE Series**



DRUM CORE SERIES

DEALER NETWORK



edition : engiexpo 2022

the little power expert...

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company details



product catalogue