

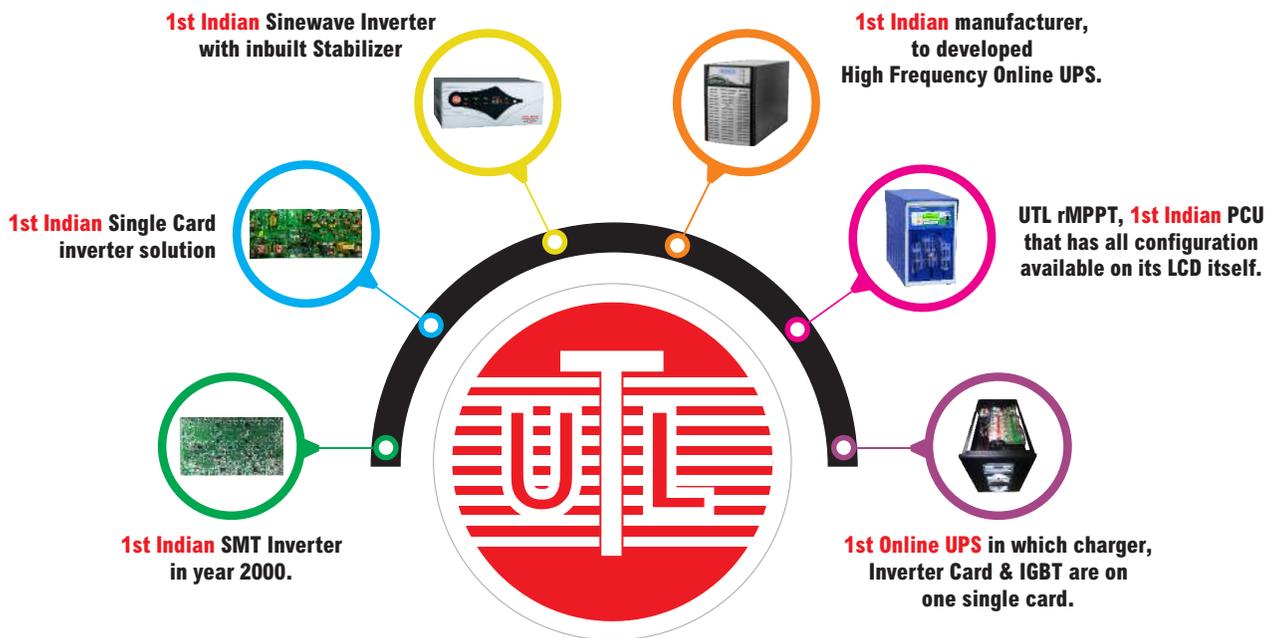
FUJIYAMA POWER SYSTEMS PVT. LTD.



**PRODUCT
CATALOGUE**

UTL was founded in the year 1996 by 2 proficient engineers **Mr. Yogesh Dua** and **Mr. Pawan Garg**. UTL is one of the leading brand in power back-up and power generation in India. UTL offers wide range of quality products, has 4 manufacturing units, strong network of distributors and dealers across the globe and highly motivated workforce. We are offering excellent R&D services through the team of more than 80 R&D professionals and exporting R&D services & UL Certified products to various countries including USA. As the company values long term relationship, our stakeholders and even customers have very long association with UTL.

Some remarkable milestones covered by UTL are...



CERTIFICATIONS





UTL in 2017-2018

4

Manufacturing Units

23

Years Old Brand

100+

Strong R&D Team

120

kVA- We made upto 120kVA Capacity

1000+

Associated Employees

1100+

Per Day Production Capacity

10000+

Dealers in INDIA

5000000

Satisfied UTL Consumers

1.65 Bn

UTL Turnover

Solar Inverter	Range	Application
SUNPACK	1025/15A to 3525/60A	
SHAMSI	675VA to 1475VA	
HELIAC	1050VA to 3550VA	

rMPPT Solar PCU	Range	Application
GAMMA ⁺	1kVA/12V&24V	 Petrol Pump, Hospital, Server, Commercial & Industrial
GAMMA PCU	2kVA to 5kVA	
ALFA ⁺	1kVA to 15kVA	
SIGMA with Grid Export	1kVA to 15kVA	
ALFA Online	5kVA to 10kVA	
MARS Online	5kVA to 20kVA	
STAR Online	25kVA to 120kVA	

Solar Charger Models	Range	Application
rMPPT	12V/10A to 360V/60A	
Solar Powerpack	12V/10A	
SMU	12V/24V-40A	
PWM	12V/24V-10A & 20A	

Online UPS	Range	Application
DEEP IMPACT	1kVA/36V & 3kVA/72V	
DEEP IMPACT	1kVA to 500kVA	
ALFA PFC	1kVA to 10kVA	
MARS	5kVA to 20kVA	
STAR PFC	25kVA to 120kVA	

Commercial Inverter	Range	Application
3-Phase Lift/Elevator UPS	6kVA to 20kVA	
ARD 2-Phase	5hp/7.5hp & 10hp	
ARD 1-Phase	5hp/7.5hp & 10hp	

Power Back-Up Batteries & PANEL	Range	Application
Tall Tubular Battery	150Ah & 200Ah	
Solar Panel	160W & 325W	

E-Rickshaw Products	Range	Application
Battery Charger	48V-60V/12A & 48V/15A	
BLDC Motor Controller	48V/50A	
DC-DC Converter	12V /10A & 15A	

Solar Home PCU



SUNPACK

Range Available :- SP 1025 / 15A - SP 3525 / 60A

Features

- Normal Inverter inbuilt with Solar Functionality.
- Sine Wave Output.
- Extensive electronic protections.
- Maintain Battery Health for Longer Life.
- Any Battery option.
- Can operate without Solar Panel also.
- Affordable and easy to install.
- Preference to Solar Power over Grid Power.

Solar Hybrid Home UPS/INVERTER Modified Sine Wave

Features

- Maintain Battery Health for longer life.
- Modified Sine wave output.
- Built-in IT Mode.
- Easy Installation & Low Maintenance.
- Battery Charging with Multi stage (Bulk, Absorption & Float) Auto Equalize in a month.
- Protections : RBP, RSPV, OVL, BL, OBC, SCP, IHV & ILV.
- Inbuilt PWM Solar Charge Controller.
- Priority Mode Selection - PCU, Hybrid & Smart for Saving Energy and Money.
- Can operate without Solar.



SHAMSI

Range Available :- 675VA to 1475VA

Solar Hybrid Home UPS/INVERTER Pure Sine Wave



HELIAC

Range Available :- 1050VA to 3550VA

Features

- Inbuilt PWM Solar Charge Controller.
- Multi-Colour LCD Display.
- Freq.-Available 50 & 60Hz.
- Charging Multi Stage (Bulk, Absorption & Float) Auto Equalize in a month.
- Solar Priority of load & Battery Charging.
- Preference to Solar Power over Grid Power.
- Pure sine wave output.
- Protections : RBP, RSPV, OVL, BL, OBC, SCP, IHV & ILV.
- Compatible with DG as an input Source.
- Compatible with IT Load.
- Compatible with SMF, Gel & Tubular Batteries.
- Priority Selection - PCU, Smart & Hybrid for Saving Energy and Money.

Solar Home PCU

GAMMA⁺

Range Available :- 1kVA/12V-24V

Features

- Controller based design, Pure Sine Wave, Built in rMPPT Charge Controller.
- Multi-colour LCD Display.
- Freq.- Available - 50Hz & 60Hz.
- Charging Multi Stage (Bulk, Absorption & Float)
- Solar Priority of load & Battery Charging.
- Preference to Solar Power over Grid Power.
- Pure sine wave output.
- Protections : RBP, RSPV, OVL, BL, OBC, SCP, IHV & ILV.
- Compatible with DG as an input Source.
- Compatible with IT Load.
- Compatible with SMF, Gel & Tubular Batteries.
- Priority Selection - PCU, Smart & Hybrid for Saving Energy and Money.

Features

- DSP/Controller based design Pure Sine Wave, built in rMPPT Charge Controller.
- Maximum Preference to Solar Power.
- Extensive Electronic Protection.
- Digital Display.
- User Friendly :- NLS, Grid Charging, IT Load, GENSET (Enable/Disable by LCD) & Operating Mode (Selectable).

Offline Solar PCU

GAMMA PCU

Range Available :- 2kVA to 5kVA

Solar Inverter

String Inverter (Grid Tie)

Range Available :- 1kW - 60kW

Features

- Transformerless Inverter.
- Intelligent redundant Fan Cooling.*
- Wide MPPT Voltage Range with Dual and Quad MPPT Design and Precise MPPT Algorithm.*
- IP 65 Certified.
- Integrated DC Switch.*
- Wi-Fi and Monitoring Application Available.
- Multiple Protection Level.
- Maximum Efficiency Over 98.6%, EU Efficiency Over 98.2%

* Available in Higher Rating

Solar Hybrid Inverter

rMPPT Charger Controller upto 300 Amps.

Models Available	
ALFA⁺	1 to 15kVA
SIGMA with Grid Export	1 to 15kVA
ALFA ONLINE	5 to 10kVA
MARS ONLINE	5 to 20kVA
STAR ONLINE	25 to 120kVA



Features

ALFA⁺ / SIGMA

- Single card DSP based design and inbuilt rMPPT Charge Controller.
- Output Pure Sine Wave with best Regulated Output Voltage.
- Maximum Preference to Solar and Intelligent Charging Sharing.
- NLSD, Grid Charging and IT Mode Enable / Disable by LCD.
- Grid Interactive and Export Mode Enable / Disable by LCD (SIGMA).
- Compatible with all PV Arrays having Different no. of Cells(36 / 60 / 72 cells).
- rMPPT peak efficiency 99% and High Reliability.
- GSM/GPRS/USB/Ethernet based Monitoring and 30 Days Data Logging, DC and AC Energy Meter (ALFA/SIGMA).
- AC and DC Parameter Configurable from LCD (ALFA/SIGMA).
 1. AC - Output Voltage/Input Voltage.
 2. Charging Voltage.
 3. Battery Charging Current, Battery Low Cut/High Cut.
 4. Grid Reconnect.

Online Solar PCU 3Øin-1Øout & 3Øin-3Øout



MARS

Features

- Single card DSP based design and inbuilt rMPPT Charge Controller.
- Output Pure Sine Wave with Constant Voltage.
- Inbuilt Isolation Transformer and noiseless in Operation.
- rMPPT peak efficiency 99% and High Reliability.
- Intelligent Charge Sharing.
- Robust design-20yrs Product Life.
- Configurable Priority -
 - a) Solar/Battery/Grid
 - b) Solar/Grid/Batt
- AC and DC Parameter Configurable from LCD.
- Ethernet based Remote Monitoring.
- High Surge Capability (up to 300%) for starting heavy load.
- Protections : OVL, BL, OBC, SCP, IHV, ILV, Phase sequence.

Range Available :- 5kVA to 20kVA

Online Solar PCU 3Øin-1Øout & 3Øin-3Øout

Features

- DSP based design Pure Sine Wave.
- Built in up to 300Amps rMPPT Charge Controller.
- Robust design-20yrs Product Life.
- Configurable Priority -
 - a) Solar/Batt./Grid
 - b) Solar/Grid/Batt
- Intelligent Charge Sharing.
- User Configurable Parameters AC & DC.
- Constant Output Voltage.
- Inbuilt Isolation Transformer.
- Protections : OVL, BL, OBC, SCP, IHV, ILV, Phase sequence.
- IEC : 61643-1/11.



STAR

Range Available :- 25kVA to 120kVA

Solar Charge Controller

Features



rMPPT

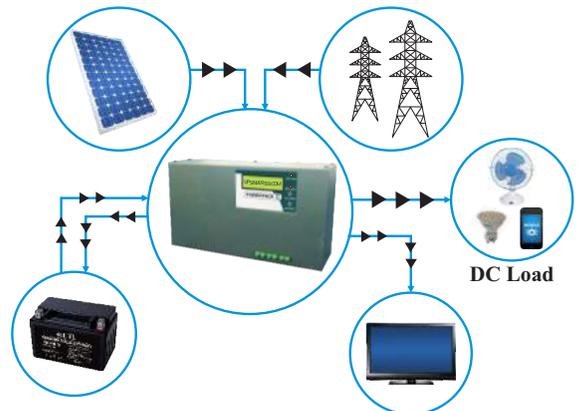
Range Available :-
12V / 10A to 360V / 60A

- Higher tracking efficiency and having fast and accurate tracking algorithm.
- Higher Conversion Efficiency.
- Increase Solar Energy Harvesting with UTL rMPPT Technology.
- Protection from Over Charging Voltage and Charging Current.
- Protection from Short Circuit to keep System Safe.
- Automatic Battery Detection (Optional).
- 3 to 4 Stage - Charging Technique that removes Build-Up Sulphate to Increase Battery Life.
- Protection from Reverse Flow of Current from Battery to Panel.
- All Type of Electronic Protections.
- Dusk to Dawn Features.
- Multiple DC Load option with Mobile Charging (Optional).
- Temperature Compensation (Optional).

Solar Powerpack

Features

- PV Charging Efficiency >90%.
- Self Consumption of System <50mA.
- Deep Discharge Protection.
- Solar Priority Over Grid Power.
- Sleep Mode Feature.
- Visual Display.



Range Available :- 12V / 10A

Solar Management Unit



SMU

Range Available :- 12V / 24V - 40A

Features

- High Speed and High Performance Microcontroller.
- High Reliability with Longer Operational Life.
- Inbuilt Protection to avoid Battery Undercharge and Over Charge.
- Inbuilt PWM Technology Charge Controller.
- Automatic Voltage Selection for 12V or 24V.
- Solar Prioritization.
- Compact Design with Wall Mounting.
- Eco Friendly.

Solar Charger Controller

Features

- Controller Based PWM Technology.
- Works Efficiently.
- LED Indications.
- Battery Auto Detection.
- Over Charging Current Protection.
- Over Charging Voltage Protection.
- Battery Reverse Protection.
- Battery Deep Discharge Protection.
- Overload Protection.
- SPV Reverse Polarity Protection.
- Reverse current flow from Battery Solar Array Protection.



PWM

Range Available :- 12V / 24V - 10A



PWM (LCD)

Range Available :- 12V / 24V - 20A

Online UPS
High Frequency
1Øin-1Øout



DEEP IMPACT

Features

- Triple Conversion True Online UPS design.
- Microcontroller Based design Pure Sine wave Output.
- Better Input power factor with a PFC.
- Durability & High Performance.
- In Cabinet space available for 7.2AH Battery.
- Static bypass available.
- Short Circuit, Lightening and Surge Protections.
- Compatible with GENSET.
- Communication – RS232 (SNMP/Ethernet & USB Optional).

Range Available :- 1kVA / 36V & 3kVA / 72V

Configure Charging Current from Front Panel.

Online UPS
Isolation Based
1Øin-1Øout

Features

- Double Conversion True Online UPS Design.
- Single card advance DSP based design, Pure Sine wave output.
- Better Input power factor with PFC.
- Inbuilt Isolation Transformer.
- Durability & High Performance.
- Cost Efficient & Service friendly.
- Manual and Static Bypass available.
- Short Circuit, Lightening and Surge Protections.
- Compatible with GENSET.
- Communication – RS232, SNMP/Ethernet & USB.



ALFA

Range Available :- 1kVA to 10kVA

Online UPS

3Øin-1Øout & 3Øin-3Øout

**MARS****Features**

- Double Conversion True Online UPS design.
- Advance DSP based design Pure Sine Wave.
- Better input power factor with a PFC.
- Inbuilt Isolation Transformer.
- Durability & High Performance.
- More than 90% efficiency and service friendly.
- Manual and Static bypass available.
- Short Circuit Protections.
- Compatible with GENSET.
- Communication – Ethernet.
- Protection : OVL, BL, OBC, IHV, ILV.

Range Available :- 5kVA to 20kVA

Online UPS

3Øin-1Øout & 3Øin-3Øout

Features

- Double Conversion True Online UPS design.
- Advance DSP based design Pure Sine Wave output.
- Better input power factor with a PFC.
- Inbuilt Isolation Transformer.
- Durability & High Performance.
- More than 90% efficiency and service friendly.
- Manual Bypass available.
- Short Circuit and Surge Protections by SPD.
- Compatible with GENSET.
- Communication – Ethernet.
- Protection : OVL, BL, OBC, IHV, ILV.

**STAR**

Range Available :- 25kVA to 120kVA

Online UPS
High Frequency
1Øin-1Øout**DEEP IMPACT****Features**

- High frequency and double conversion on-line technology.
- Digitized microprocessor control optimizes reliability.
- Wide input voltage range (110V - 300V).
- Input power factor correction.
- UPS start up without battery.
- Cold start function.
- ECO mode available.
- Generator compatible.
- Default USB or RS232 Communication.
- Option for Smart SNMP that works with either USB or RS232.

Range Available :- 1kVA to 3kVA

Online UPS
High Frequency
1Øin-1Øout**Features**

- N+X parallel redundancy.
- Online double conversion with DSP control.
- Input current harmonic: <3%.
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional).
- Wide input voltage range: 120~276Vac.
- Support generator input .
- Support economic(ECO) operation mode.
- Self-testing when UPS startup.
- Cold start.

**DEEP IMPACT**

Range Available :- 6kVA to 10kVA

Online UPS
High Frequency
3Øin-3Øout



DI-SERIES

Control Panel

Range Available :- 10kVA to 80kVA

Features

- Online-Double conversion with full digital control (DSP).
- PFC technology.
- ECO function.
- Charging/Rectifier/Inverter fully digital control technology.
- Optimization battery group, the quantity of battery: 10-30K (16/18/20 pcs optional), 40-80K (32/34/36/38/40 pcs optional).
- Wide input voltage range: 208~478Vac.
- DC start.
- The output can be meet 100% unbalanced load.
- Input Current Harmonics $\leq 3\%$.
- Configurable Output 380 / 400 /415.

Online UPS
High Frequency
3Øin-3Øout

Features

- DSP-controlled technology.
- Parallel redundancy up to 4 units.
- Wide input voltage and frequency windows.
- Easy-to-operate LCD display.
- High power density up to 500kVA for space saving.
- Unity power factor and low input distortion.
- Common or separate battery.
- Programmable battery voltage from $\pm 192Vdc$ to $\pm 240Vdc$.
- Powerful charger built in.
- Superior overload capability.
- Input Current Harmonics $\leq 3\%$.
- Configurable Output 380 / 400 /415.



DI P-SERIES

Range Available :- 10kVA to 500kVA

3Ø Lift / Elevator UPS



Range Available :- 6kVA to 20kVA

Features

- With Inbuilt ARD Features.
- High Reliability with DSP Sine Wave Technology.
- Less maintenance & eco-friendly.
- Input 3-phase Sequencing Protection (Optional).
- Smart LCD Display with LED indications.
- Facility for manual bypass.
- Load sensing with smart control.
- Variable change over time (0-30Sec).

Features

- High reliability with Microcontroller based Sine Wave Technology.
- Less maintenance & eco-friendly.
- Selectable Change Overtime.
- Flexible turn ON/OFF the Back-up Power.
- Selectable Back-up time.
- Safe and reliable Operation.
- Battery Charging Monitoring.
- Extensive signaling.

ARD 2Ø Automatic Rescue Device



Range Available :- 5hp / 7.5hp / 10hp

ARD 1Ø Automatic Rescue Device



Range Available :- 5hp / 7.5hp & 10hp

Features

- Pure Sine Wave with regulated output.
- State of the art Battery charger with three charging modes - Trickle, Float and Full.
- Operates on 1Ø 220VAC, 50Hz Power.
- Very simple interface, easy and quick to install.
- Maintains Battery Health.
- Auto Overload Resetting.

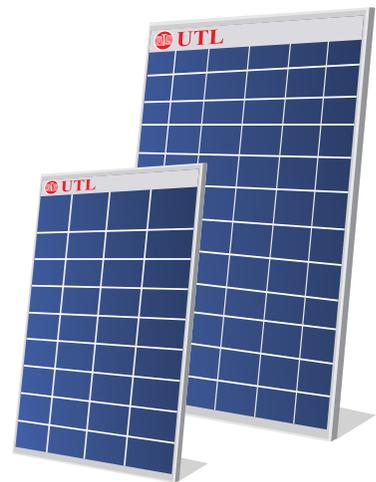
TALL TUBULAR BATTERY**Features**

- Unique Tubular/Net Positive plates designed for Longer Life.
- Superior Active Material & Special Alloy Used For Low Maintenance of the Battery.
- Plate Designed with Special Additives to get Quick Recovery from deep Discharge.
- Float vent plug for Electrolyte Level Indicator.
- High Acid Volume Per Ampere Hour.
- Life Cycle – 1500@80% DOD.

Range Available :- 150Ah to 200Ah

SOLAR PANEL**Features**

- Designed for Roof Top Application.
- Reliable for all type of Environmental Conditions.
- High Power Output using High Efficiency Cell.
- More Efficient with 5 Bas Bar.
- Special Aluminum Frame Design.
- Low Sun Light Performance.
- Durable for 25 Years.



Available in :- 160W & 325W

Battery Charger



Features

- Robust Cabinet with Robust Anderson Connector.
- SMPS based fully Automatic.
- Digital Voltmeter and Amp. Ammeter.
- Digital Control Circuit with Powerful Microcontroller.
- Perfect Charging at 160V to 280V.
- Phase to Phase Protection (440V) Available.

Range Available :- 48V / 12A, 60V / 12A & 48V / 15A

BLDC Motor Controller

Features

- Battery Low Voltage and over Voltage Protection.
- Over Heating Protection.
- Throttle error Protection.
- Speed Limiting (Selectable).
- Regenerative Braking (Selectable).
- Anti Theft Protection (Optional).
- Hall sensor error Protection.



Range Available :- 48V / 50A

DC-DC Converter



Range Available :- 12V /10A & 15A

Features

- Designed to meet adverse Indian Climatic Condition.
- Input Reverse Connection Protection (External fuse).
- Best Performance due to High Efficient PWM.
- Aluminum Alloy Cabinet with good heat dissipation and shock absorption.
- Low Battery cut off.
- Output Short Circuit Protection.
- Waterproof, IP65.
- Light weight.



OUR GLOBAL PRESENCE

The list is growing at a rapid pace, with smile on all our customer's face.



PRESTIGIOUS CUSTOMERS



and Many More...

Manufacturing Units



Research & Development



Manufacturing Facilities



BUY FROM 23 YEARS OLD ORIGINAL INDIAN MANUFACTURER

The Power...

As and when you need it.



- < Online UPS
- < Inverter
- < Solar
- < Battery
- < Charger

FUJIYAMA POWER SYSTEMS PVT. LTD.

📍 **Corporate Office :-**
53A/4,6 Rama Road Ind. Area,
Near Sat Guru Ram Singh Marg Metro Station,
Near NDPL Grid Office, Delhi - 110015.

Manufacturing Unit :-
Village Naryal, Near Sec-4 Barrier,
Parwanoo, Himachal Pradesh - 173220

📞 **For Sales : +91 9250 885 885**
For Service : +91 8510 885 885

✉ **sales@utlups.com**

🌐 **www.upsINVERTER.com**