

TRANSFORMER-BASED ON-LINE UPS

COMPACT

Enterprise T-Series

A physical barrier between your volatile input and your sensitive, expensive load — intelligent, transformer-based on-line UPS from 5 to 20 kVA.



5–20 kVA

POWER RANGE

0.8 / 0.9

OUTPUT POWER FACTOR

Up to 93%

EFFICIENCY

160–280V

INPUT VOLTAGE RANGE

Reliable UPS for unreliable power — transformer-based topology built for mixed resistive, inductive, and capacitive loads, with the higher MTBF that comes from a refined, field-proven design.

Why Transformer-Based Wins on Reliability

Transformer-less UPS offers higher efficiency, but transformer-based topology handles mixed resistive, inductive, and capacitive loads with a substantially higher MTBF — a design refined over decades of field deployment.



Inbuilt Isolation Transformer

A genuine physical barrier between your volatile input and your sensitive, expensive load — galvanic isolation protects equipment from input faults and helps resolve grounding issues that transformer-less designs cannot.



Built for Mixed Loads

Handles resistive, inductive, and capacitive loads together — where the ideal choice is transformer-based, whatever the wattage.



Higher MTBF, Fewer Failures

A steadily refined topology with a lower component count means substantially higher mean time between failures.

2–3 Yrs PROVEN FIELD DEPLOYMENT



Wide Input Voltage

160–280V AC accepted without switching to battery.



Pure Sine Wave Output

Clean output with THDv below 3% on linear load.



Up to 93% Efficiency

Strong efficiency for a transformer-based design.



LCD/LED Dual Display

Input/output voltage, frequency, load, and battery % at a glance.



125% Overload Handling

Rides through 125% load for 10 minutes, 150% for 1 second.



Intelligent Charging

1–10A standard charging, under 10 hours to 95% capacity.



Comprehensive Protection

Battery low voltage, overload, short circuit, and over/under-voltage.



Mains-Battery Isolator

Dedicated isolator switch simplifies safe service and maintenance.

Enterprise T-Series at a Glance

Electrical, battery, and environmental figures for the 5–20 kVA platform. Full engineering datasheet available on request.

PLATFORM & PERFORMANCE	
Topology	Transformer-Based, On-Line
Power Range	5–20 kVA
Output Phase	Single Phase (L+N+PE)
Efficiency	Up to 93%
Overload	≤125%/10min, 150%/1sec
Isolation Transformer	Inbuilt
AC INPUT	
Voltage Range	160–280V AC, Single Phase
Frequency Range	50Hz ±10%
AC OUTPUT	
Voltage	220/230/240V ±1% (L+N+PE)
Frequency	50Hz ±0.1%
Waveform	Pure Sine Wave
Power Factor	0.8 standard, 0.9 optional
THDv	<3% on linear load
BATTERY & SYSTEM	
Battery Voltage	192V DC (168/180V optional)*
Charging Current	1–10A standard
Charging Time	<10 hrs to 95%



LCD/LED panel — output frequency and system mode at a glance.

93%

MAX EFFICIENCY

<3%

THDv, LINEAR LOAD

Inbuilt

ISOLATION TRANSFORMER

Model Range & Capacity

Six capacity points from 5 to 20 kVA, each a single-phase-output, transformer-based on-line design.

CAPACITY	BATTERY VOLTAGE	OUTPUT
5 kVA	192V DC (168/180V optional)	Single Phase
6 kVA	192V DC (168/180V optional)	Single Phase
8 kVA	192V DC (168/180V optional)	Single Phase
10 kVA	192V DC (168/180V optional)	Single Phase
15 kVA	240V DC	Single Phase
20 kVA	360V DC	Single Phase

APPLICATIONS & CREDIBILITY

Where Enterprise T-Series Delivers

Wherever mixed resistive, inductive, and capacitive loads meet volatile power — from factory floors to hospital corridors.



Industrial Automation &
PLC/SCADA



CNC & Machine Tools



Elevators & Motor Loads



Process Industries



Broadcast & AV Production



Banking & Financial Branches



Diagnostic & Lab Equipment



Transportation & Signalling



Hospitals & Healthcare Facilities



Pharmaceutical Manufacturing



Chemical & Refinery Plants



Marine & Offshore Systems

WHY ENTERPRISES CHOOSE COMPACT



2+ Decades of Trusted Service

More than two decades of experience keeping Indian enterprises powered through unreliable supply.



ISO 9001:2015 Certified

Quality management certified to the ISO 9001:2015 standard across manufacturing and service.

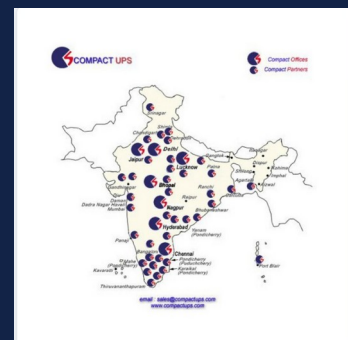


PAN India Support

Sales and service support reaching customers across the country.

A Pan-India service network

Service partners and alumni partners across the country stand behind every COMPACT Enterprise T-Series installation, backed by COMPACT's own regional offices.



GET IN TOUCH

Contact COMPACT Systems

Reach out to size and specify the right Enterprise T-Series configuration for your site.



Regd. & Head Office — New Delhi

G-15, Anupam Plaza, Opposite Azad Apartments, Hauz Khas, New Delhi - 110 016
Ph: 011-2656 7985, +91-8360940587, 4104 0255

 [View on Google Maps](#)



Branch Office — Chennai

105, Eldams Square, 167, Eldams Road, Chennai - 600 018
Ph: 044-2435 2803, 2435 3403 · Mob: 9840090193

 [View on Google Maps](#)



Branch Office — Hyderabad

House No: 6-3-668/10/7, Durga Nagar Colony, Punjagutta, Hyderabad - 500 082
Ph: 9396934441, 9392472449

 [View on Google Maps](#)

 sales@compactups.com

 www.compactups.com

5–20 kVA
POWER RANGE

0.8 / 0.9
OUTPUT POWER FACTOR

Up to 93%
EFFICIENCY

Inbuilt
ISOLATION TRANSFORMER

Interested in Enterprise T-Series Power Protection?

Talk to COMPACT Systems — our team can help size the right configuration for your site.

QR CODE
TO BE ADDED

SCAN TO ENQUIRE