

CLASSIC SERIES

COMPACT

Classic Series UPS

Field-proven double-conversion power protection, built for India.

Intelligent, three-phase double-conversion online UPS engineered to withstand industrial power conditions while protecting sensitive electronic and computer equipment.



10–300 kVA

POWER RANGE (3:3)

0.8 to Unity

POWER FACTOR VARIANTS

>91-94%

AC-AC EFFICIENCY

28+ Yrs

FIELD-PROVEN DESIGN

A field-proven, rugged range that responds well to the unstable and fluctuating power conditions prevalent across India, built tough for industrial environments yet sensitive enough for delicate electronic loads.

Engineered for Field-Proven Reliability

Every Classic Series unit is a true on-line double-conversion design — isolating critical loads from raw utility power while adapting to the wide voltage swings common on Indian grids.



True On-Line Double Conversion

The UPS continuously inspects its inverter, battery, and load, providing a redundant source of conditioned power so critical loads stay protected even if a component fails — fully isolating equipment from sags, spikes, transients, and frequency variation.



IGBT Inverter Design

IGBT combined with advanced SPWM design ensures high-quality power and higher efficiency, handling load fluctuations from 0–100% without transferring to bypass.



Parallel Redundant System

Optional parallel redundancy module lets facilities achieve continuous power for critical applications, scaling capacity and availability as the load grows.

N+1 CONFIGURATION, OPTIONAL



Adjustable Charging

1A–30A charging current, tunable to any battery bank.



100% Unbalanced Load

Individual inverter per phase supports fully unbalanced output.



Battery Management

Automatic float/boost charging prolongs battery life.



Self-Diagnosis Log

Records up to 256 abnormal power events for audit.

INTELLIGENT CONTROL, PERFECT PROTECTION

Multiple-CPU intelligent control and 100% digital technology — self-diagnosis, circuit control, and parameter management run on three high-speed microcontrollers, with built-in protection against low/over voltage, over current, overload, and short circuit.



Classic Series at a Glance

Platform, electrical, and performance figures for the Classic Series 3:3 range. Full engineering datasheet available on request.

PLATFORM & PERFORMANCE	
Technology	Microcontroller-based
Power Range	10–300 kVA
Configuration	3:3
Topology	True On-Line Double Conversion
Efficiency (AC-AC)	91-94%
Crest Factor	3:1
Transient Recovery	<10 msec
Charging Current	1A–30A, adjustable
Recharge to 100%	8–10 hrs
AC INPUT	
Phase	3 Phase AC + Neutral + Earth
Voltage	380/400/415V +/-25%
Frequency	50Hz ±5% (47.5–52.5Hz)
Power Factor	0.92 with filter
AC OUTPUT	
Voltage Regulation	380/400/415V ±1%
Waveform	Pure Sine Wave
Power Factor	0.8/0.9/Unity variants
THD (Linear Load)	<3%
Overload	125% / 10 min, 150% / 1 min



Front-accessible design with LED/LCD status panel.

91-94%

AC-AC EFFICIENCY

<3%

THD, LINEAR LOAD

3:1

CREST FACTOR

Model Range & Capacity

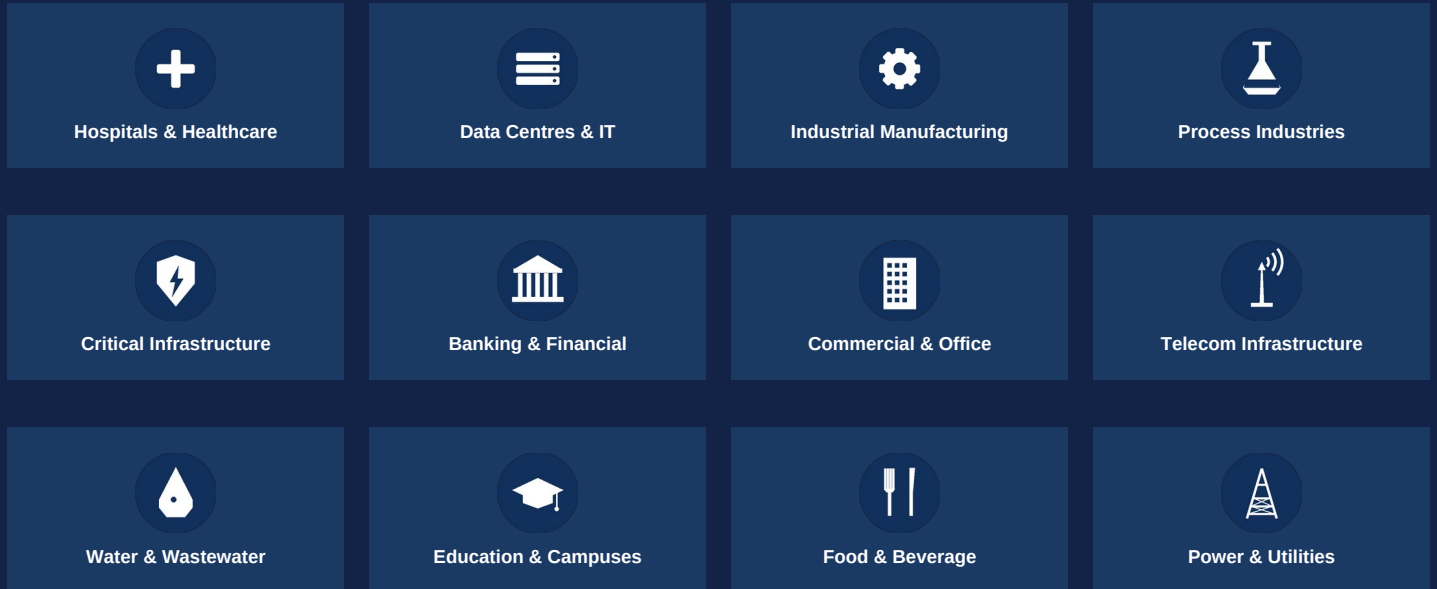
Seven capacity points, each a true on-line 3:3 double-conversion design.

MODEL	RATING
3-3-20	20 kVA
3-3-30	30 kVA
3-3-40	40 kVA
3-3-50	50 kVA
3-3-60	60 kVA
3-3-80	80 kVA
3-3-100/300	100–300 kVA

APPLICATIONS & CREDIBILITY

Where Classic Series Delivers

From factory floors to hospital corridors, Classic Series protects the loads that keep everyday operations running.



TRUSTED SINCE 1998

COMPACT combines more than three decades of global UPS manufacturing expertise with our own experience handling Indian power conditions since 1998 — delivering reliable power protection for enterprise and industrial applications nationwide.

Apt Solution

The right fit for every requirement.

Realistic Commitment

Promises we can always keep.

Customer Delight

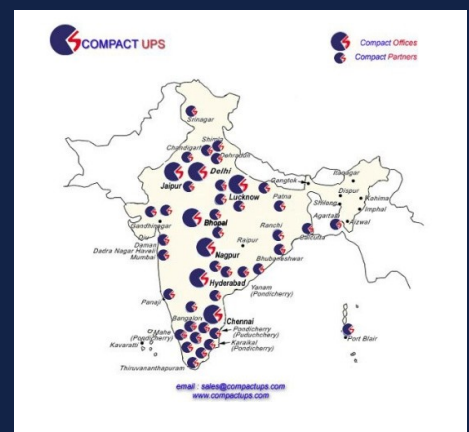
Service that goes beyond the sale.

Value Pricing

Complete value-for-money offering.

Pan-India service network

Service partners and alumni partners across the country stand behind every installation, backed by COMPACT's own regional offices.



GET IN TOUCH

Contact COMPACT Systems

Reach out to size and specify the right Classic Series configuration for your site.



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FIELD-PROVEN DESIGN

Interested in Classic 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