

ONLINE UPS



An ISO 9001-2008 Company

TRUE POWER

SAFE | STABLE | STRONG

The Indus online UPS range provides you with a reliable source of uninterruptible power even in the most demanding environments. Configured with matching battery packs, this range of UPS can comply to your aggressive runtime demands.

**INDUS
ONLINE UPS**
AVAILABLE IN
1KVA to 150 KVA





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Technical Specifications*

STANDARD RATING			
1 KVA - 10 KVA		7.5 KVA - 30 KVA	15 KVA - 150 KVA
INPUT			
Voltage	230 V AC - 1Ph	415 V AC - 3 Ph 4 Wire	415 V AC - 3 Ph 4 Wire
Opening Range	170 V - 265 V	345 V - 475 V	345 V - 475 V
Frequency	50 Hz		
Frequency Range	47 - 53 Hz		
Power Factor	> 0.8	> 0.92	
OUTPUT			
Rating	1/2/3/5/7.5/10 KVA	10/15/20/25/30 KVA	15/20/25/30/40/ 45/50/60/75/ 80/100/120/150 KVA
Voltage	220/230 V AC	400/415 V AC	
Voltage Regulation	± 1%		
Power Factor	0.8 lag to unity		
Crest Factor	3:1		
Frequency	50/60 Hz		
Frequency Regulation	± 0.1%		
Wave Form	Pure Sine Wave		
Harmonic Distortion	THD < 3%		
Overload Rating	150% for 30 seconds		
Transient Response	5% for full load charge		
Response time	Recovery to ± 2% within 5 msec		
DC LINK			
Nominal DC Voltage	2, 3 KVA: 48 - 144 V 5 KVA: 120/144/180 V 7.5, 10 KVA: 180/240 V	10, 15 KVA: 240/360 V 20 KVA: 300/360 V 25, 30 KVA: 360 V	15 KVA: 240/360 V 20 KVA: 300/350 V 25 KVA & above: 360 V
DC Bus Volts Ripple	< 2%		
Battery Type	VRLA Sealed Maintenance Free (SMF) / Lead Acid Tubular (Flooded Type)/ Nil - Cd		
Insulation	Dc Circuit Breaker		
Efficiency (Typical)			
Inverter Efficiency	> 95%		
Overall Efficiency	> 92%		
	PROTECTIONS		
Rectifier	I/P AC Over voltage / Under Voltage DC Over voltage Battery Charging Over Current I/P Single Phasing I/P Phase Reversal		
Inverter	O/P Over Voltage / Under Voltage O/P Overload O/P Short Circuit O/P Under Voltage Over Temperature		

STANDARD RATING			
	1 KVA - 10 KVA	7.5 KVA - 30 KVA	15 KVA - 150 KVA
	AUDIO ALARM		
	Rectifier Tip		
	Overload		
	Mains Fail		
	Battery Low with Pre Alarm		
	System Tip		
	METERING		
	Multifunction LCD Display to read the following parameters with user friendly Mimic		
	I/P Voltage & Current 1 PH Parameters upto 30 KVA		
	I/P Frequency		
	Battery Voltage		
	Battery Charging / discharging current		
	OP Voltage		
	OP Current		
	OP Frequency		
	PHYSICAL		
Size			
"260(w)x545(d)x650(h) mm (1 - 5 KVA)"	"325(w)x650(d)x650(h) mm (7.5 - 15 KVA)"	"400(w)x900(d)x850(h) mm (15 KVA)"	
"325(w)x650(d)x650(h) mm (6 - 10 KVA)"	"400(w)x800(d)x850(h) mm (20 - 30 KVA)"	"400(w)x900(d)x850(h) mm (15 KVA)"	
		"800(w)x800(d)x1800(h) mm (50 - 100 KVA) - A	
		A + 1000(w)x800(d)x1800(h) mm "(120 - 150 KVA) - A"	
Enclosure	IP 21		
Cable Entry	Bottom		
Colour	Siemens Grey		
	ENVIRONMENT		
Operating Temperature	0 to 45 degree		
Storage	Minus 10 to 70		
Humidity	up to 95% RH (non-considering)		
Cooling	Forced Air Cooling		
Noise	< 55 db	< 60 db	< 65 db
Altitude	< 3000 mtr. Above mean sea level		
Optional Features			
Enclosure	IP 42 / Industrial Grade		
Cable Entry	Bottom		
Input Power Factor	0.99		
Auto Changeover to Bypass Supply (Static Bypass) Remote Indicating Panel			
"Computer Interface Data Logger & Self Diagnostics Feature"			
	SNMP		
Output Frequency	400 Hz		
Auto / Manual Battery Test / Discharge Facility			
Parallel Load Sharing / N + 1 Configuration is available			
Individual Battery Monitoring system			
19 Rack Mounting type models available			
IEC Conformance on request			

*All Product Specifications and data are subject to change without notice to improve reliability, function or design or otherwise.

USP of Online UPS

- Rugged design for tough Indian environmental conditions
- State of the art technology
- Customisation & upgradation easily possible



Applications of INDUS Online UPS



- Information Technology
- Solar/Wind Power Generation
- School and colleges
- Telecom Sector

- Satellite Earth Stations
- Banking
- Defense
- R&D Centers

- Bio-Medical Equipment
- Industrial Instrumentation
- Other Specific Applications



Online UPS Highlights

- Wide range of Input Supply Voltage
- Custom built design is possible as per user specifications
- Latest Technology
- True ON-LINE Design
- High Efficiency with near unity power factor
- Excellent Voltage Regulation & Transient Response
- Diesel Gen Set compatible
- Optional Intelligent Computer Interface
- Optional Auto By-pass facility

Manufactured By

Indus Instruments Pvt. Ltd.

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