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Specialised in Online UPS for industrial application since 1998.



Active shunt **UPS 303** 20KVA - 200KVA

- CNC, process & automation industry.
- Laser, wire EDM.
- Compressors and other motor applications



Exported to
Nigeria, Malaysia, Dubai & Nepal

SAVES APPROXIMATELY 35% - 40% OF ELECTRICITY...

Active shunt **UPS 303IR**

for intermittent backup
For uninterrupted (no-break) functioning during generator change-over.

Active shunt **UPS 303SR**

for short backup.
Graceful shutdown of the PLC to avoid system crash.

Active shunt **UPS 303CR**

for continuous long backup.

Zero-change-over-time.

Works like an Online UPS, without double conversion losses.

Optimise

Production process to improve **productivity** and **profitability**...



Govt. of India certified
Importer & Exporter
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JAS-ANZ
REGISTRATION NO. 80911526
ISO 9001:2015



NATIONAL AWARD WINNER: "MOST INNOVATIVE POWER SOLUTION OF THE YEAR 2016 BY SOFTDISK."

Technology	IGBT inverter - IGBT rectifier using DSP				
Rating	5KVA	7.5KVA	10KVA	15KVA	20KVA - 300KVA
DC Bus	48 - 360V	96 - 360V	120 - 360V	192 - 360V	192 - 360V

INPUT

Input voltage	400V AC Three Ø & N
Input voltage window	350 - 150VAC
Input frequency	50HZ ± 6%
Charger type	PFC using IGBT rectifier

OUTPUT

On mains mode	350 - 450VAC				
On Inverter mode	400VAC, PH-PH / 230VAC, PH-N				
Transfer time	0-2msec				
Balanced load regulation	± 1%				
Unbalanced load regulation	± 1%				
Unbalanced load phase shift	120° ± 0.5°				
Frequency	50HZ ± 0.1 Hz				
Waveform	True Sinewave				
Total harmonic linear load	< 2%				
Distortion non-linear load	< 5%, 100% continuous				
Over load capacity	125% 1 minute, 150% 5 second				
Inverter type	IGBT based PMW with instantaneous Sinewave control				
Transient response	Remains within ± 0.5% and recover to 100% within one cycle				
Crest factor	3:1				
Mode of operation	Designed for short backup to take care of generator change-over				
IR303	For intermittent backup - ensures uninterrupted (no-break) functioning of connected loads during generator change-over.				
SR303	For short backup - ensures graceful shutdown of PLC to avoid system crash.				
CR303	For continuous long backup.				
Switching frequency	16.4KHz / 8.2 KHz				
Manual bypass	Provided				
Efficiency on mains mode	> 98%	> 98%	> 98%	> 98%	> 98%
Inverter efficiency	> 89%	> 90%	> 90%	> 91%	> 92%

APPROVED VENDOR FOR"



*Specifications are indicative to our standard models subject to change without notice.

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