



## Key Features :

- High Reliability With Industrial design.
- Galvanic Isolation design.
- User- friendly large system monitoring
- Automatic Static Bypass Switch with zero delay time
- Full Sine Wave
- High Efficiency >86%
- Driving Full Capacitive & Inductive Load
- Different Protection level
- Short Circuit ,
- Reverses Battery Polarity
- Over load
- Input & output under & over Voltage
- Current Limit
- IEC Standard

## SETNIC

### High Power Industrial Online UPS

**SETNIC** industrial high Power full sine wave UPS Systems are specially designed for different industrial applications. SETNIC UPS easily can drive high power capacitive and inductive load .

Further more with using zero delay automatic static by pass switch we can insure a safe and continuous load driving without any interrupt

<b>SPECIFICATIONS</b>	
<b>AC Input</b>	
Mains Voltage	3 Phase 380Vac 25% +15% , 50HZ
Maximum Inrush Current	Less than Input Current
Power Factor :	Better than 0.98 at full load
Input THD	Less than 10%
Ac to DC Isolation	Galvanic Transformer
<b>DC Input :</b>	
DC Link Voltage range	300Vdc + 25% - 15%
Float Charge	341Vdc
End of Discharge	270Vdc
<b>Output :</b>	
Wave form	Full Sine Wave
Nominal Voltage	-220V/380Vac 3 Phase
Load Regulation	$\pm 0.5\%$
Line Regulation	$\pm 0.5\%$
Rated Frequency	50 HZ $\pm 0.5\%$ ( At SYNC : $\pm 1$ to 5% ADJ )
Efficiency	> 86% (full load)
Total Harmonic Distortion	Less Than 3%
Single Harmonic Distortion	Less Than 2%
Load Current Crest factor	3 : 1
Over Load Capability	10 SEC 150% & 10 Min 110%
DC to DC Isolation:	Galvanic Isolation
Power Factor range	Full Capacitive to full inductive load
Output Power	30 kva
Recovery Time	Less than 0.001 Sec
Acoustic noise level ( DIN45635 )	Less Than 55 dba

<b>Protections :</b>	
Inverter Automatically Shut down at:	Low DC input Voltage
	High & Low output Ac voltage
	Over heat
	Over Load
	Short Circuit
	Single Harmonic Distortion more than 7%
<b>Static By - PASS Switch :</b>	
Load transient & Over Load	without any delay
S.B.S Continuous Current	125% UPS Output Current
<b>Manual BY - PASS Switch :</b>	
Handy Switch	Make before Break
Delay Time	Without Any delay
<b>Isolation :</b>	
Galvanic	2500 V/1Min / 5 MEG
<b>Environment :</b>	
Ambient Temperature	- 5 ° C to +40 ° C without De rating To 50 °C with 20% De rating
Humidity :	Max 95%
Humidity Class	Class F
Altitude	Up to 1000 m above sea level
Cooling	Boosted by automatic built in fans
Degree of protection	IP21
Standard No	IEC 62040
Dimensions (WxHxD)	1800x600x1200 mm
Weight	Approx. 300 kgs