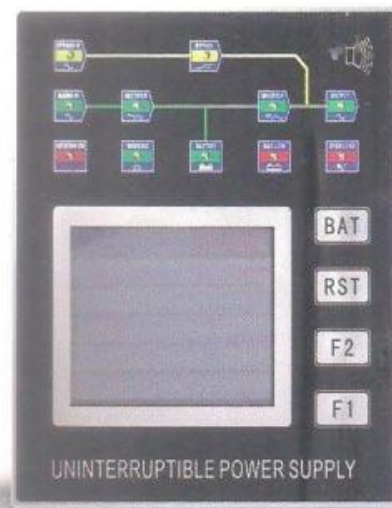


ONLINE UPS THREE/SINGLE PHASE

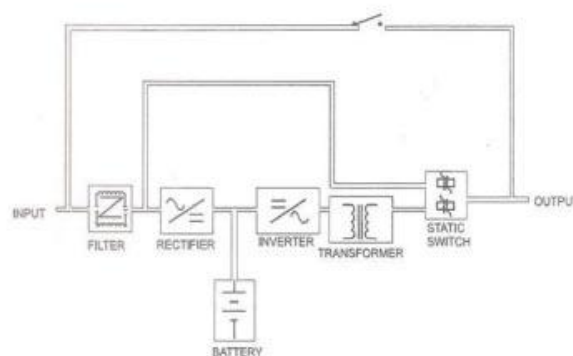
10 KVA to 100 KVA – Three/Single Phase

TECHNICAL SPECIFICATIONS	
Classification & Operating Mode	True On- Line Double Conversion PWM Based
AC INPUT	
Phase	3 Phase + N + G
voltage	380 / 400 / 415V AC Three Phase
Voltage Tolerance	.+15%, -20%, (higher range on request)
Frequency	50 / 60 Hz + 10 %
Power factor	>0.8 Thyristor / 0.95 IGBT
Soft Start	0 - 100% 5s
Total harmonic distortion (Thad)	< 20% Thyristor / 3% to 5% with Filter
BYPASS INPUT	
Phase	3 Phase + N + G
voltage	415V + 20%
Frequency	50 / 60 Hz + 5 %
Transfer Time	0 ms Inverter / Bypass (Overload)
Charging Current	10% of the Battery Rating
AC OUTPUT	
Phase	3 Phase + N + G
voltage	380 / 400 / 415V AC Three Phase
Frequency	50 / 60 Hz + 0.05 % (Battery Mode)
Power factor	Standby 0.8 / Optional 0.9
Wave form	True Sine Wave
Distortion	Total Harmonic Distortion < 2% (at linear load), < 5% (non-linear load)
Transient Response	Transient Recover Time <10ms
Crest Factor	3:1
Overload	125% for 10 min., 150% for 1 min
Cooling	Forced Cooling
Isolation Transformer	Available
Protections	Under voltage / over voltage /short circuit / battery low
Metering	Input voltage / output voltage / DC voltage / Output Current / Output Frequency
Efficiency	
Ac to AC	93%
ECO Mode	98%
Interface	RS 232 / SNMP (Optional)
Type of protection	IP 20 (standard), Other on request
Temperature	0 to 40 Deg. C (Operating)
Humidity	30 – 95%
Operation altitude	< 1000m without derating
Optional	Harmonic Suppression Filter
Architecture	Up to 7 Parallel Module
Noise (dB) (at 1 m)	<55 / <60 / < 65
Operation altitude	< 1000m without derating
	<ul style="list-style-type: none"> The above systems are base on normal standards and can be customized as per specifications

User Friendly
Touching Screen Display



Schematic Diagram



This is computerized generated product brochure hence signature not required.