



UPS

UNINTERRUPTIBLE
POWER SUPPLY

INVERTER - UPS



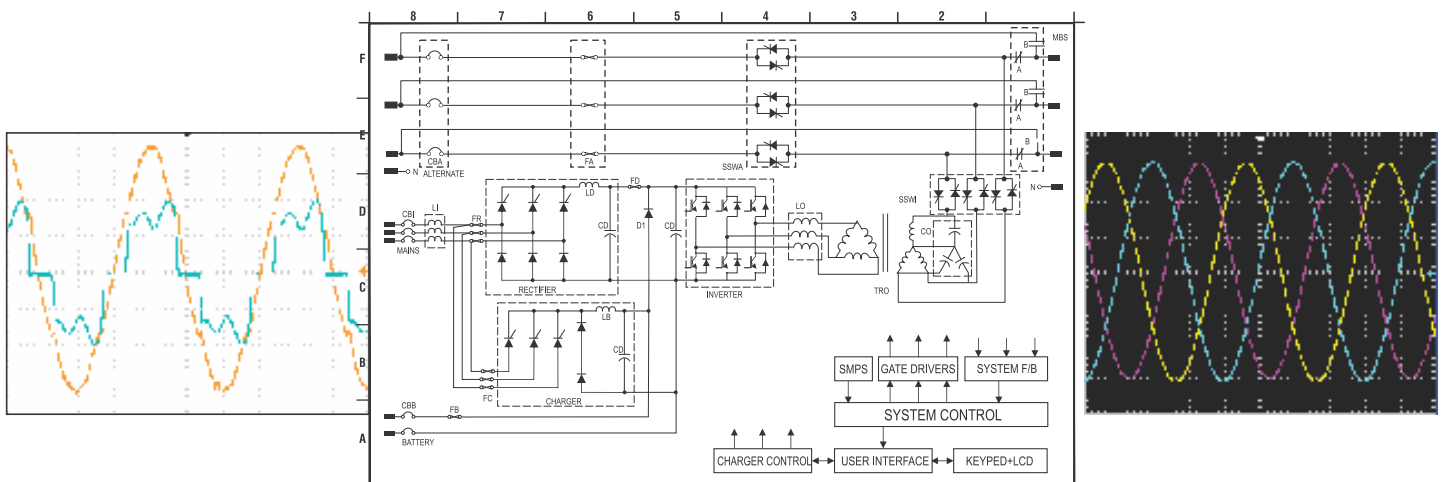
THE **UPS**
RANGE UP TO **200kVA**



INVERTER - UPS

- Online double-conversion with full DSP control
- IGBT inverter with output isolation transformer
- 100% unbalance load capability
- Output power factor 0.8
- Generator compatible
- Support battery cold start and auto-restart when mains power is restored
- ECO mode operation for energy saving
- Superior protection
- 7 inches LCD touch screen, friendly human & machine interface
- Front access makes maintenance and replacement simplified (60 ~ 120 kVA)
- Intelligent self-diagnosing function, all kinds of failure protection, large capability of history records storage
- Standard emergency power off (EPO)
- Standard RS232, RS485, dry contacts communication port (Optional).
- Optional SNMP communication port
- Optional N+X redundancy parallel up to 3 units
- Optional input filter to improve input power factor
- Integrated input and output breakers/switches
- Integrated maintenance bypass

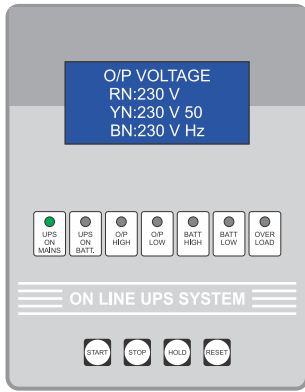
Single Line Diagram



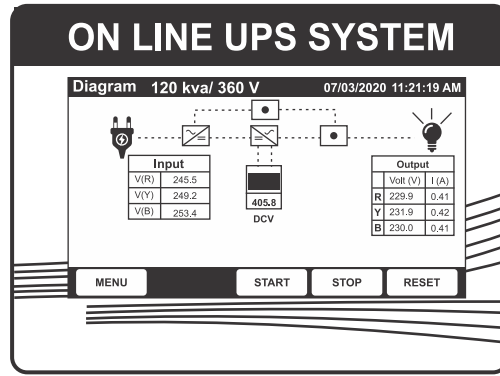
Special Heat Sinks with large surface area for effective heat dissipation in small volume.



INVERTER - UPS

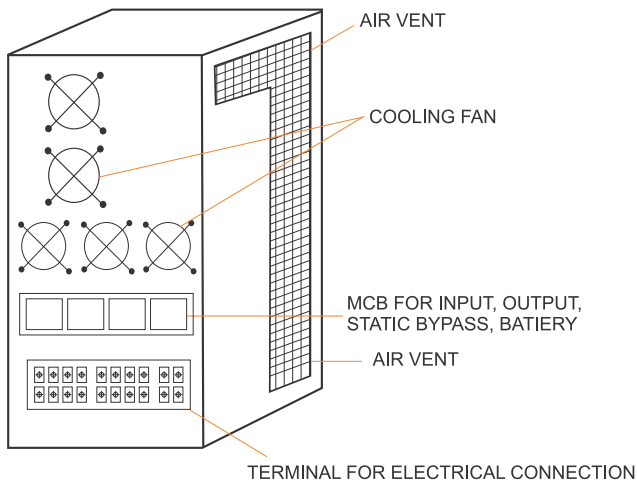


20 X 4 DISPLAY 10 TO 50 KVA

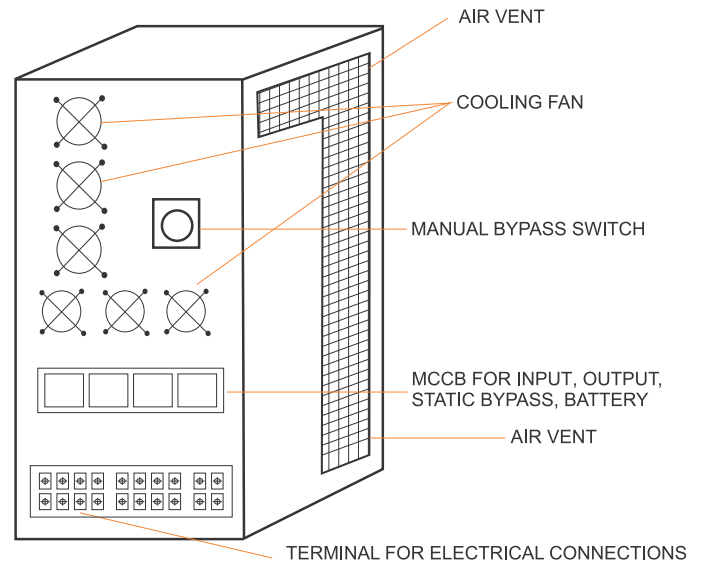


TOUCH DISPLAY 60 TO 120 KVA

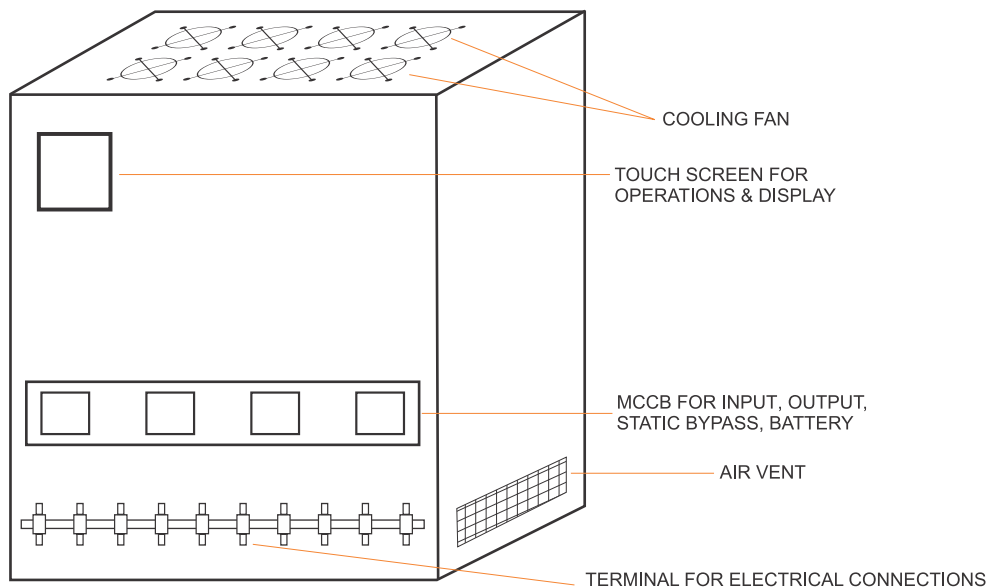
10 / 20 / 30 KVA ONLINE UPS



40 / 50 KVA ONLINE UPS



60 TO 120 KVA ONLINE UPS



MODELS	10 KVA	15 KVA	20 KVA	30 KVA	40 KVA	50 KVA	60 KVA	80 KVA	100 KVA	120 KVA
INPUT										
Nominal voltage	380 / 400 / 415 Vac three-phase + N									
Voltage range	± 25 %									
Nominal frequency	50 Hz									
Frequency tolerance	50 ± 5 % Hz									
Bypass voltage range	± 20 % (Settable)									
Eco voltage range	± 10 % (Settable)									
OUTPUT										
Active power (kW)	8	12	16	24	32	40	48	64	80	96
Power factor	0.8									
Number of phases	three-phase + N									
Nominal voltage (V)	380 / 400 V 415 ± 1 % @ full load									
Crest factor	3 : 1 peak / I rms									
Frequency	50 Hz ± 0. 1 % on battery mode									
Crest factor	03:01									
THDV	≤ 2 % with linear load / ≤ 5 % with non-linear load									
BATTERIES										
Type	VRLA AGM/GEL/NiCd/Li-ion/Supercaps									
System DC V	360									
Charging Amp.	5 Amp default (settable)									
Charging	Three stage charging, auto switch floating / boost mode									
OTHER PARAMETERS										
Protections	Over load, over volatge, under voltage, low battery, over temperature, short circuit									
Operating temperature	0 °C - 40 °C									
Relative humidity	90% non-condensing									
Noise level	< 65 dB									
IP rating	IP20									
Communications	RS 232 / RS 485 / Dry contacts / SNMP (Optioal)									
Moving the UPS	castors (10 - 50 kVA) / Pallet (60 - 120 kVA)									
Weight (Kg)	125	145	180	215	280	320	530	580	750	800
Dimensions (WxDxH)(mm)	390 x 690 x 855		410 x 780 x 1000		460 x 780 x 1260		775 x 900 x 1500		1150 x 1025 x 1600	



INVERTER - UPS

UMA POWERTRONICS PVT. LTD.

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