

MODELS	10 KVA	15 KVA	20 KVA	30 KVA	40 KVA	50 KVA	60 KVA	80 KVA	100 KVA	120 KVA
<b>INPUT</b>										
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 )									
<b>OUTPUT</b>										
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 /   rms									
Frequency	50 Hz ± 0.1 % on battery mode									
Crest factor	03:01									
THDV	≤ 2 % with linear load / ≤ 5 % with non-linear load									
<b>BATTERIES</b>										
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									
<b>OTHER PARAMETERS</b>										
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 ( Optional )									
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

**UPS**  
UNINTERRUPTIBLE  
POWER SUPPLY



**THE UPS**  
RANGE UP TO 200kVA



INVERTER - UPS

### UMA POWERTRONICS PVT. LTD.

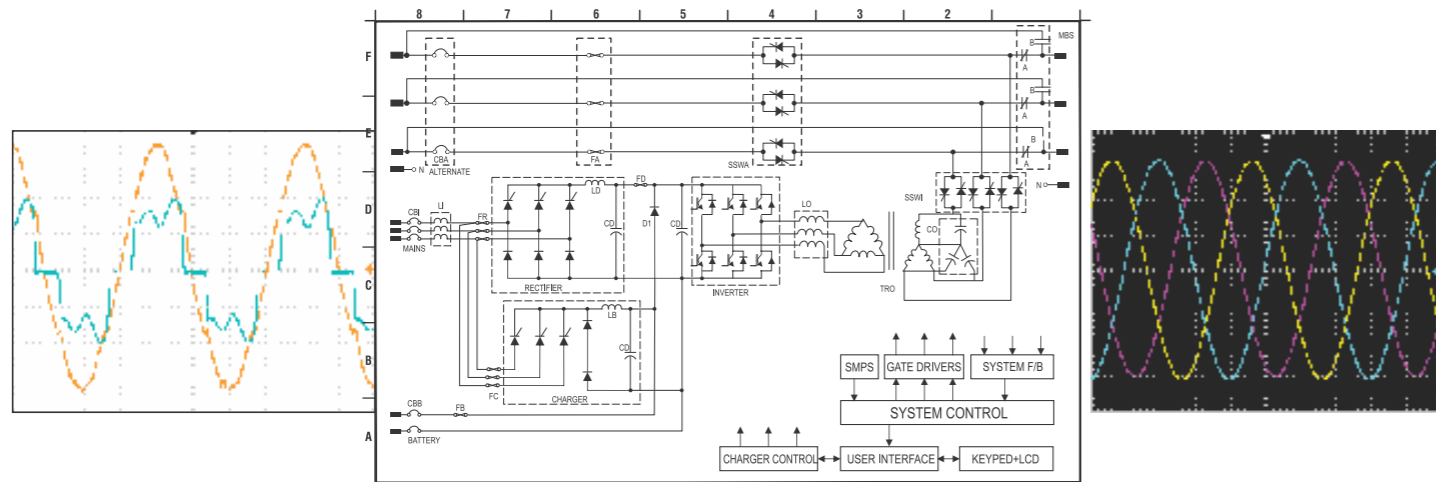
📍 "UMA HOUSE", Plot No.10, B/h. Near Metro Automobile, Near Railway Over Bridge, Jamnagar-Rajkot Highway, At. Hapa, Dist. Jamnagar-361120. (Gujarat) (India)

☎ 0288-2571524, 2571624 ✉ info@alfaups.in 🌐 www.alfaups.in

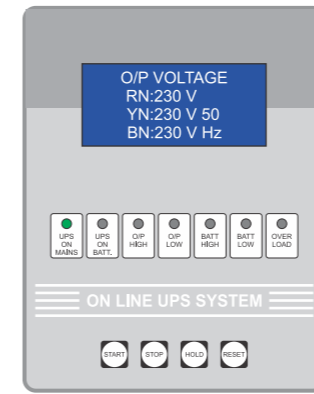
- Online double-conversion with full DSP control
- IGBT inverter with output isolation transformer
- 100% unbalance load capability
- Output power factor 0.8
- Generator compatible
- Support battery cold start and auto-restart when mains power is restored
- ECO mode operation for energy saving
- Superior 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



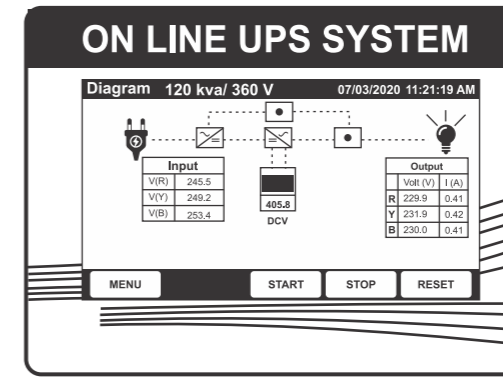
### Single Line Diagram



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



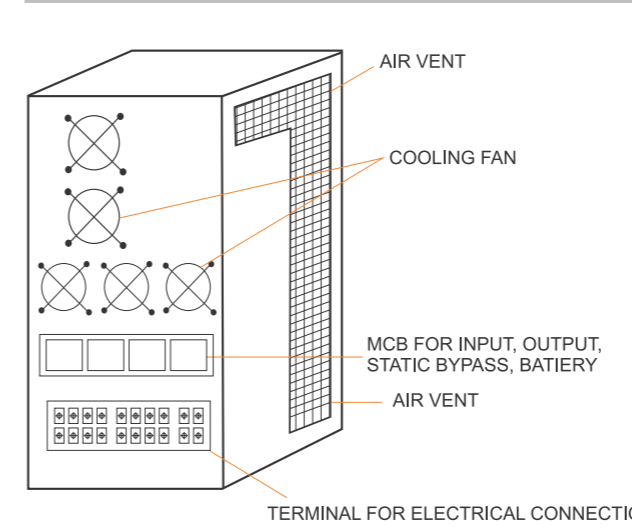
20 X 4 DISPLAY 10 TO 50 KVA



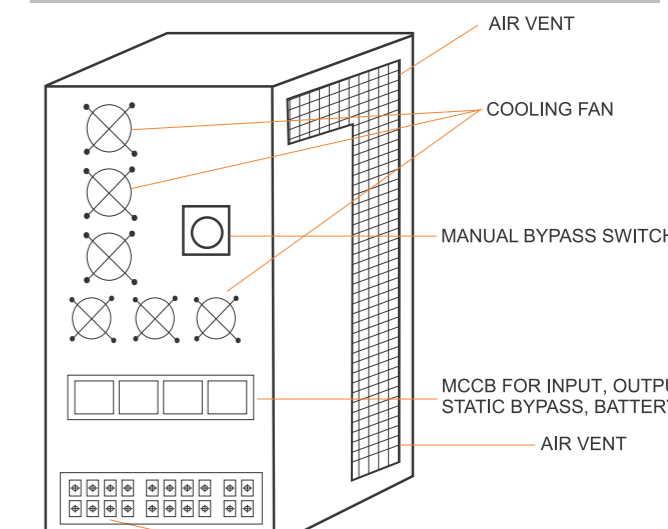
TOUCH DISPLAY 60 TO 120 KVA



### 10 / 20 / 30 KVA ONLINE UPS



### 40 / 50 KVA ONLINE UPS



### 60 TO 120 KVA ONLINE UPS

