

Maxima
Series[®]

ON LINE UPS 3 PH



GALAXY *maxima* Series online UPS symbolize our enduring quest for innovation, product quality and electrical engineering standards.

It's double conversion IGBT based design ensures clean energy, free of all the nine electrical disturbances. Suitable for information technology, manufacturing, process control, telecom, internet & application service providers.

Available in 10 - 150 KVA rating in 3 phase 100% unbalanced load.



GALAXY

TECHNICAL SPECIFICATION

Maxima Series ONLINE UPS 3Ph to 3Ph

Model	Maxima Series
Rating	10KVA to 150KVA
AC INPUT	415V + 15% - 15% for Three Phase Input
Frequency	50Hz ± 6%
DC VOLTAGE	360DVC
Charging Time	12 Hours for 90% of full capacity
Charger Type	CVCC Internal Controlled Rectifier type
INVERTER :	
Technology	IGBT Double Conversion
Output Voltge	380 / 400 / 415 V AC Three Phase
Voltage Regulation	± 1% for DC I/p variation & o/p load variation
Frequency	50Hz ± 0.05Hz
Waveform	PWM Sine Wave
Harmonic Distortion	Less than3%
Inverter Efficiency	> 92%
Power Factor	0.8
Overload	150% for 60 sec
Crest Factor	3:1
Transient Recovery	± 4% under full load change and corrected within 60msec
Phase Displacement	120° ± 10°
Audible Noise	Less than 50 dB at 1 Meter
METERING :	
Microprocessor based Digital LCD Meter for	R, Y, B Output Voltage, Output current & Frequency, DC Voltage, Battery & Load Percentage
GENERAL :	
Dimensions (LxWxH)mm	a) 10 - 20KVA (1040x350x910) b) 30 - 60KVA (1250x450x1150) a) 75 - 100KVA (1200x600x1200) a) 120 - 150KVA (1500x750x1250)
Operating temperature	0°C to 50°C HumidityMax 95%, Non-condensing
PROTECTIONS :	
Output Overload & short circuit, Output Under & Overvoltage, DC Under & Overvoltage Input Under & Overvoltage, Single Phasing & Phase unbalance	
INDICATIONS & ALARMS	
a) Mains on	Indication
b) Inverter on	Indication
c) DC Low	Indication & Alarm
d) fault	Indication & Alarm
e) Output Overload	Indication & Alarm
BYPASS FACILITY	
Static Bypass Switch (Optional)	Bi-directional

* Specifications are subject to change without prior notice due to constant improvement in design & technology

Manufactured by



Galaxy Electronics (India) Inc.

H.O. : First Floor, Galaxy Arcade, 148-Bhusari Colony, Paud Road, Kothrud, Pune - 411 038 (India). **Phones** : 25280232 **Telefax** : 00-91-20-24321744

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Galaxy Electronics
Galaxy Power Systems



Your expectation ! Our determination !



40 to 150 KVA



10 to 30 KVA

Three Phase, Series - III



PowerOn
sine wave inverter

TECHNICAL SPECIFICATIONS

MODEL :	PowerOn Sine Wave Inverter Three Phase, Series-III
Rating	10KVA to 150KVA
AC INPUT	415V + 15% -20% Three Phase Input
Frequency	50Hz \pm 6%
Battery Voltage	180 / 240 / 360V
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC Internal Controlled Rectifier type

MODEL :	IGBT
Technology	IGBT
Output Voltage	415V AC Three Phase
Voltage Regulation	\pm 2% for DC Input & Output load variation
Frequency	50Hz \pm 0.5Hz
Waveform	PWM Sine wave
Harmonic Distortion	< 3%
Inverter Efficiency	> 92%
Power Factor	0.8
Overload	105% continuous 150% for 60 sec
Crest Factor	3:1
Phase Displacement	120 $^{\circ}$ \pm 1 $^{\circ}$
Audible Noise	< 50 dB at 1 Meter

METERING :	R, Y, B Output Voltage, Output current & frequency, DC Voltage Battery and Load Percentage
Microprocessor based Digital LCD	

GENERAL :	
Dimensions (LxWxH) mm	a) 10 to 20KVA (1040x350x910)
Dimensions as on request	b) 30 to 60KVA (1250x450x1150)
	c) 75 to 400KVA (1200x600x1350)
Operating temperature	0 $^{\circ}$ C to 50 $^{\circ}$ C
Humidity	Max 95%, Non-condensing

PROTECTIONS :	Output Overload & short circuit, Output Under & Over voltage, DC Under & Over voltage Input Under & Over voltage, Single Phasing & Phase unbalance
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INDICATIONS & ALARM	
a) Mains on	Indication
b) Inverter on	Indication
c) DC Low	Indication & Alarm
d) Fault	Indication & Alarm
e) Output Overload	Indication & Alarm

CHANGE-OVER :	Bi-directional
Static switch	

ISOLATION POWER :	PowerOn Sine Wave Inverter Three Phase, Series-III
Input	MCB Provided
Output	Switch, MCB (Option)
Battery	HRC Fuse

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Galaxy Power Systems**

Single Phase, Series - I



5 to 10 KVA



15 to 38 KVA

The **POWER** you can always rely on...



TECHNICAL SPECIFICATIONS

MODEL :	PowerOn Sine Wave Inverter Single Phase, Series-I
AC Input Voltage	230V + 20% - 30%
Frequency	50Hz + 10%
Phase	Single Phase
Charging Time	12 Hours for 90% of full Capacity
Charger Type	CVCC Controlled Rectifier

BATTERY VOLTAGE & CAPACITY:	
Capacity	Battery Voltage
a) 5KVA	120V / 144V
b) 6KVA to 10 KVA	180V
c) 15KVA to 30KVA	180V / 240V / 360V

INVERTER :	
Technology	IGBT
Output Voltage	230V AC Single Phase
Voltage Regulation	±2%
Frequency	50Hz ± 0.5Hz
Waveform	PWM Sine Wave
Harmonic Distortion	< 3%
Inverter Efficiency	> 90%
Power Factor	0.8
Overload	a) < 105% continuous b) 105% to 150% 30 sec
Crest Factor	3 : 1
Audible Noise	< 45 dB at Meter

METERING :	
Microprocessor based Digital LCD for Output Voltage, Output Current, Output Frequency Load Percentage, DC Voltage, Battery Percentage	

GENERAL :	
Dimensions (LxWxH) mm	a) 650 x 240 x 500 mm up to 10KVA b) 725 x 350 x 800 mm for 15 to 30KVA
Operating temperature	0°C to 50°C
Humidity	Max 95%, Non-condensing

PROTECTIONS :	
Output overload & Short circuit, Output under & Over voltage, DC Under & Over voltage	

MODEL :	PowerOn Sine Wave Inverter Single Phase, Series-I
a) Mains on	Indication
b) Inverter on	Indication
c) Battery Low	Indication & Alarm
d) Fault Conditions	Indication & Alarm
e) Output Overload	Indication & Alarm

MODEL :	PowerOn Sine Wave Inverter Single Phase, Series-I
a) Electro mechanical switch	Provided as standard feature up to 6 KVA
b) Static switch	Bi-directional 7.5 to 30 KVA

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**Galaxy Electronics
Galaxy Power Systems**



Heranles Series online UPS system



GALAXY Heranles series true online UPS Systems, 3 - 1 phase. 10 - 50 KVA range Designed for enhanced reliability and performance, suitable for centralised computer network, server rooms, industrial controls and automation application. The double conversion topology with input / output and wide input range offers excellent electrical performance for the most demanding applications.

Changing the way you buy UPS Systems...

TECHNICAL SPECIFICATION

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INVERTER :	
Technology	IGBT Double Conversion
Output Voltge	380 / 400 / 415 V AC Three Phase
Voltage Regulation	± 1% for DC I/p variation & o/p load variation
Frequency	50Hz ± 0.05Hz
Waveform	PWM Sine Wave
Harmonic Distortion	Less than3%
Inverter Efficiency	> 92%
Power Factor	0.8
Overload	150% for 60 sec
Crest Factor	3:1
Transient Recovery	± 4% under full load change and corrected within 60msec
Audible Noise	Less than 50 dB at 1 Meter
METERING :	
Microprocessor based Digital LCD Meter for	Output voltage, Output current & Frequency, DC voltage Battery & Load Percentage
GENERAL :	
Dimensions (LxWxH)mm	a) 5 - 15KVA (740x350x800)
	b) 20 - 30KVA (1640x350x910)
	a) 40 - 50KVA (1250x450x1150)
Operating temperature	0°C to 50°C
Humidity	Max 55% Non-condensing
PROTECTIONS :	
Output Overload & short circuit, Output Under & Overvoltage, DC Under & Overvoltage Input Under & Overvoltage, Single Phasing & Phase unbalance	
INDICATIONS & ALARMS	
a) Mains on	Indication
b) Inverter on	Indication
c) DC Low	Indication & Alarm
d) fault	Indication & Alarm
e) Output Overload	Indication & Alarm
BYPASS FACILITY	
a) Manual Bypass Switch	Provided as Standard feature up to 20KVA
b) Static Bypass Switch (Optional)	Bi-directional

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