



Grid Tie Inverter Pascal 6KW~15KW

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Description

Pascal Grid Tie Inverter BG6-15kW three-phase inverters, rated power 6kW/8kW/10kW/12kW/15kW, model BG6KTR BG8KTR BG10KTR BG12KTR BG15KTR.

Model BG6-15kW three-phase inverters with advanced three-level technology, compact design, support 2 high efficiency MPPT tracking inputs, suitable for small or medium-sized grid-tied PV systems, such as commercial and industrial areas plant roof systems, etc..

Features :

- Optimized electric control technology, over 98% efficiency
- Advanced and high efficiency MPPT algorithms, max tracking efficiency up to 99.9%
- Large LCD interface, easy to view and configure
- Build-in lock with high accuracy: records real-time information accurately; keeps running for 14 days or more once system loses power
- Perfect fault diagnosis, protection, records, inquiries and other functions, easy troubleshooting
- System-level thermal simulation technologies, higher reliability and longer lifetime
- IP65 protection and Anti-theft design, suitable for any kind of outdoor environments
- Strong networking, flexible to support RS485, WiFi, Ethernet and other communication modes

Inverter PASCAL PS2000-H1

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Description

Fitur :

- Pure sine wave output (<2% THD)
- Input & Output fully isolation design
- High efficiency 87%~90%
- Internal and external heat sinks
- Multi-stage thermal control fan
- Frequency 50/60Hz selective switch
- Re-start function
- Complete protection design

Model No.	PS2000-H1	PS2000-H2	PS2000-H4
OUTPUT			
Wave form	Pure Sine Wave		
AC voltage	230V		
Continuous Power	1200W		
Surge power	2400W		
Frequency	50/60Hz±3%		
AC regulation	±8%		
Receptacles	1pc		
LED Indicator	Green LED for power on; Red LED for power fail/uer status		
INPUT			
DC current	120A	60A	30A
No load current draw	1.1A	0.6A	0.3A
DC voltage	12V	24V	48V
Voltage range	10-16VDC	20-32VDC	40-61VDC
Efficiency	>85%		
DC connector	Cable x 1pc		
PROTECTION			
Bat. Low alarm	10.5±0.5V	21±1V	42±2V
Bat. Low shutdown	10±0.5V	20±1V	40±2V
Over voltage	16±0.5V	32±1V	61±2V
Over Temperature	55°C±5°C		
Short circuit protection	Shut-off		
Bat. Polarity Reverse	Fuse burn out		
Over load	Re-start 1 tim. Shut down if failed		
ENVIRONMENT			
Working temp.	-15°C- +45°C		
Working humidity	20%-90%RH non-condensing		
Storage temp., Humidity	-30°C- +70°C/-22°F- +158°F, 10-95% RH		
Temp. coefficient	±0.05%/°C (0-55°C)		
OTHERS			
Dimension (LxWxH)	435x179x82.5 mm		
Net weight	4.40 kgs		



MODEL	BG15KTL	BG30KTL	BG45KTL
Input DC voltage (V)	150	150	150
Output voltage (V)	120-480	120-480	120-480
MPPT operating voltage range (V)	100-450	100-450	100-450
Maximum voltage range (V)	150-450	150-450	150-450
Number of MPPT strings per MPPT	1/1	1/1	1/1
Max. DC power (kW)	1500	3000	4500
Max. DC current (Amp) (number of MPPT)	8/4	15/8	15/8
DC switch	Optional	Optional	Optional
Output AC			
Rated power (kW)	1500	3000	4500
Max. AC current (A)	7.5	15	22.5
AC voltage range	180-270VAC	180-270VAC	180-270VAC
AC frequency	50/60Hz (50/60/50/60/50/60/50/60)	50/60Hz (50/60/50/60/50/60/50/60)	50/60Hz (50/60/50/60/50/60/50/60)
Power factor	0.99 (grid-tied power)	0.99 (grid-tied power)	0.99 (grid-tied power)
THD	< 3% (at rated power)	< 3% (at rated power)	< 3% (at rated power)
AC connection	Single-phase, 3L, 3W	Single-phase, 3L, 3W	Single-phase, 3L, 3W
System			
Control	Natural cooling	Natural cooling	Natural cooling
Max. efficiency	97.30%	97.20%	97.20%
Max. efficiency	99.99%	99.99%	99.99%
MPPT efficiency	99.9%	99.9%	99.9%
Protection degree	IP65	IP65	IP65
Consumption at night	< 10W	< 10W	< 10W
Operation mode	Grid-connected	Grid-connected	Grid-connected
Operating temperature	-25°C~+55°C, storage after 25°C	-25°C~+55°C, storage after 25°C	-25°C~+55°C, storage after 25°C
Display and Communication			
Display	3.5-inch LCD display	3.5-inch LCD display	3.5-inch LCD display
Mechanical Parameters			
Dimensions (W x H x D mm)	400x200x112	400x200x112	400x200x112
Weight (kg)	21.5	21.5	21.5
Installation	Wall mounting	Wall mounting	Wall mounting

Grid Tie Inverter PASCAL 1.5~3kW

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Description

PASCAL grid-tied inverters, which are convenient for applying high efficient and reliable single-phase and three-phase inverters to distributed grid-tied solar power system, along with matching communication module, system design and monitoring software platform, offer the power system higher safety and efficiency, lower cost and higher return.

Features :

- Optimized electric control technology, over 97.30% efficiency
- Advanced and high efficiency MPPT algorithms, max tracking efficiency up to 99.9%
- Large LCD interface, easy to view and configure
- Build-in lock with high accuracy: records real-time information accurately; keeps running for 14 days or more once system loses power
- Perfect fault diagnosis, protection, records, inquiries and other functions, easy troubleshooting
- System-level thermal simulation technologies, higher reliability and longer lifetime
- IP65 protection and Anti-theft design, suitable for any kind of outdoor environments
- Strong networking, flexible to support RS485, WiFi, Ethernet and other communication modes

Grid Tie Inverter Pascal 20KW~30KW

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Description

Pascal Grid Tie Inverter BG20-30kW three-phase inverters, rated power 20kW/25kW/30kW, model BG20KTR BG25KTR BG30KTR.

Model BG20-30kW three-phase inverters with advanced three-level technology, compact design, support 2 high efficiency MPPT tracking inputs, are suitable for medium or large-scale grid-tied PV system, such as commercial and industrial areas plant roof systems, etc.

Features :

- Optimized electric control technology, over 98.2% efficiency
- Advanced MPPT algorithms, suitable for installing solar modules with different angles, max tracking efficiency up to 99.9%
- Large LCD HMI, easy to view and configure
- Build-in a high-accuracy clock: records real-time information accuracy; keeps running for 14 days or more once system loses power
- Perfect diagnosis, protection, records, inquires and other functions, easy troubleshooting
- System-level thermal simulation technologies, to ensure products' reliability and lifetime
- IP65 protection and Anti-theft design, suitable for any kind of outdoor environments
- Strong networking, flexible to support RS485 WiFi, Ethernet and other communication modes
- Support wall or vertical mounting, flexible to choose the installation mode according to the site



MODEL	BG20KTR	BG25KTR	BG30KTR
Input DC voltage (V)	150	150	150
Output voltage (V)	120-480	120-480	120-480
MPPT operating voltage range (V)	100-450	100-450	100-450
Maximum voltage range (V)	150-450	150-450	150-450
Number of MPPT strings per MPPT	1/1	1/1	1/1
Max. DC power (kW)	2000	2500	3000
Max. DC current (Amp) (number of MPPT)	8/4	10/5	15/8
DC switch	Optional	Optional	Optional
Output AC			
Rated power (kW)	2000	2500	3000
Max. AC current (A)	15	15	22.5
AC voltage range	180-270VAC	180-270VAC	180-270VAC
AC frequency	50/60Hz (50/60/50/60/50/60/50/60)	50/60Hz (50/60/50/60/50/60/50/60)	50/60Hz (50/60/50/60/50/60/50/60)
Power factor	0.99 (grid-tied power)	0.99 (grid-tied power)	0.99 (grid-tied power)
THD	< 3% (at rated power)	< 3% (at rated power)	< 3% (at rated power)
AC connection	Single-phase, 3L, 3W	Single-phase, 3L, 3W	Single-phase, 3L, 3W
System			
Control	Natural cooling	Natural cooling	Natural cooling
Max. efficiency	98.20%	98.20%	98.20%
Max. efficiency	99.99%	99.99%	99.99%
MPPT efficiency	99.9%	99.9%	99.9%
Protection degree	IP65	IP65	IP65
Consumption at night	< 10W	< 10W	< 10W
Operation mode	Grid-connected	Grid-connected	Grid-connected
Operating temperature	-25°C~+55°C, storage after 25°C	-25°C~+55°C, storage after 25°C	-25°C~+55°C, storage after 25°C
Display and Communication			
Display	3.5-inch LCD display	3.5-inch LCD display	3.5-inch LCD display
Mechanical Parameters			
Dimensions (W x H x D mm)	400x200x112	400x200x112	400x200x112
Weight (kg)	21.5	21.5	21.5
Installation	Wall mounting	Wall mounting	Wall mounting



Solar Pump Inverter Pascal BPD Series

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Description

BPD series solar water-pump inverter Pascal adopts the dynamic VI MPPT technology and motor control technology, and is suitable for AC water pumps with prompt response, high efficiency and stable performance.

Features :

- Support direct driving for single-phase motor (don't tear down Start Capacitor), also support the three-phase 220V motor
- One pump inverter can equip with multiple motors, support vector control
- Protection class IP65 and fanless system design, apply quick connection terminals, with convenient installation and meet various harsh outdoor environment
- Has a bypass function, can support 220V Utility Power input and diesel engine input; optional water level detection module and diesel engine start/stop module
- Low start voltage and wide input voltage range give more possibilities for accepting multi PV strings configuration and different type of PV module
- Digital intelligent control can Flexible adjusting and setting pump's speed range. In addition to soft start function also can provide lightning protection, overvoltage, over current, overload protection function etc

Inverter Self-consumption Pascal Helios

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Description

Features :

- Inverter for self consumption of PV electricity application
- Iconic display easy to monitor energy flow
- Default smart meter with split-core CT for smart load control and easy installation
- Selectable scenarios for sophisticated energy application
- Special external capacitor modular design for long life span
- High battery discharge power (5.3KW), charge/discharge efficiency >95%
- Optimize charge/discharge control for long life span of Li-ion battery (option)
- Extendable Li-ion battery pack design from 4 kWh~20kWh (option)
- IP65 fan-less nature cooling design/up to 50 °C without derating



Solar Hybrid UPS 3000VA

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Description

PASCAL SOLAR HYBRID UPS 3000VA

This is a pure sine wave stand-alone inverter/charger system combining the function of inverter, solar charger and AC charger, and provides a long run-time uninterruptible power supply. Its comprehensive LCD display provides system status, and user-friendly panel eases parameters settings.

Key Features :



- High-frequency switching technology for compact size and light weight
- Pure sine wave output for wide range of applications and harsh environment
- Build-in solar charger controller with MPPT technology to optimize the power utilization
- High efficient DC-to-AC conversion minimizing energy loss
- Standby Charging Mode enables battery charging even when the unit is switched off
- Intelligent cooling fan control
- Input/output isolated design for the maximum operation safety
- LCD displays comprehensive operation status
- Configurable AC input voltage range and priority for AC input or PV input
- Supports Home Appliances / Office Equipment/ Lighting Equipment/ Motor-based Equipment (such as Fan, Air-Conditioner, Washing Machines)
- Thorough protections: Input low voltage / Overload / Short circuit / Low battery alarm / Input over voltage / Over temperature
- Supports both rack and wall-mounting set-up for flexible installation

SPECIFICATION :

MODEL MAX 3000

CAPACITY 2.4KW/3000VA

INPUT

Input Voltage Waveform Pure sine wave (utility or generator)

Nominal Input Voltage 230Vac

Input voltage range 170Vac-280Vac(Normal);

90Vac-280Vac(Generator/Wide)

Max AC Input Voltage 300Vac RMS

Nominal Input Frequency 50Hz / 60Hz (Auto detection)

OUTPUT

Wave from Pure sine wave (Inverter mode)

Voltage Regulation (Inverter

Mode) $\pm 10\%$ RMS

Output Frequency 50Hz / 60Hz ± 1 Hz

Nominal Efficiency 90% (@Inverter mode with normal DC Input; >60% R load);

95% (@Line mode with Rated R load, battery full charged)

Capable of starting electric motor 1.5HP

Power Factor 0.8

Over-Load Protection Tripped off after 5s@ $\geq 150\%$ load

Tripped off after 10s@110%~150% load

Transfer Time

(AC to DC)

Normal range : 10ms (typical) 15ms (max)

Generator/wide range: 20ms (typical) 40ms (max)

Power Limitation

BATTERY

Battery Voltage 24.0Vdc ± 0.6 Vdc

Battery low alarm voltage 21.0Vdc ± 0.6 Vdc

Battery low shut-down voltage 20.0Vdc ± 0.6 Vdc

AC CHARGER

Charger Current 10A @Vi/p<170Vac or Vi/p>280Vac; 20A@Vi/p=230Vac

Boost charger voltage (bat. Type) 28.4Vdc

Floating charger voltage (bat.

Type) 27.4Vdc

Over charger Voltage 30.0Vdc

SOLAR CHARGER MODULE

Max Charger current 40A

Charger Power 800W

System DC Voltage 24.0Vdc

Operating Voltage Range 30~75Vdc

PV Optimal Work Voltage Range 45~72Vdc

Max. PV Array Open Circuit 75Vdc

Voltage

MAX. PV Input Current 20A

AUDIBLE ALARM

Low Battery at Inverter Mode Beeps 1 time every 2s
Overload 110%~150%load: beep 10 times every 0.5s;
>150% load: beep 5times every 0.5s then fault.
Fault Beeps continuously

PHYSICAL

Dimension(D*W*H)mm 318mm*268.4mm*85.2mm
Net weight 5.7KG

Solar Hybrid UPS 5000VA

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Description

PASCAL SOLAR HYBRID UPS 5000VA

This is a pure sine wave stand-alone inverter/charger system combining the function of inverter, solar charger and AC charger, and provides a long run-time uninterruptible power supply. Its comprehensive LCD display provides system status, and user-friendly panel eases parameters settings.

Key Features :

- High-frequency switching technology for compact size and light weight
- Pure sine wave output for wide range of applications and harsh environment
- Build-in solar charger controller with MPPT technology to optimize the power utilization
- High efficient DC-to-AC conversion minimizing energy loss
- Standby Charging Mode enables battery charging even when the unit is switched off
- Intelligent cooling fan control
- Input/output isolated design for the maximum operation safety
- LCD displays comprehensive operation status
- Configurable AC input voltage range and priority for AC input or PV input
- Supports Home Appliances / Office Equipment/ Lighting Equipment/ Motor-based Equipment (such as Fan, Air-Conditioner, Washing Machines)
- Thorough protections: Input low voltage / Overload / Short circuit / Low battery alarm / Input over voltage / Over temperature
- Supports both rack and wall-mounting set-up for flexible installation



Solar Hybrid UPS 1000VA

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Description

This is a DC-to-AC inverter with integrated solar battery charger, which can be used as a long run-time UPS (Uninterruptible Power Supply), an energy-saving solution or an automotive inverter (hereinafter referred to as "inverter").

The inverter accepts input power source from AC mains (utility), battery, and PV (solar) string and switches between various operation modes automatically depending on the operational conditions.

When used as an UPS, battery or PV (solar) string act as back-up power source to supply loads during the outage of AC mains.

When used as an energy-saving device, the PV (solar) string can be set as priority to supply the loads without consuming the power from AC mains, as long as sufficient sunlight is present.

The battery can be charged by both AC mains and PV (solar) string with intelligent charging control.

Key features :

- Automatic line-to-battery switchover
- Built-in enhanced AC charger
- Built-in solar charger controller up to 40A
- Selectable Input voltage ranges/AC charging current/ AC or solar charger priority
- High efficient DC-to-AC conversion with minimized energy loss
- Rack design & wall-mounted design for flexible installation
- Intelligent 3-stage charger control for efficient charging and preventing overcharge
- Auto restart upon AC recovery
- User-friendly LCD and LED indications
- Multiple protections: low battery alarm, low battery shutdown, over charger protection, overload protection, over temperature protection, short circuit protection

Solar Hybrid UPS 2000VA

Harga.....Call

Description

This is a DC-to-AC inverter with integrated solar battery charger, which can be used as a long run-time UPS (Uninterruptible Power Supply), an energy-saving solution or an automotive inverter (hereinafter referred to as "inverter").

The inverter accepts input power source from AC mains (utility), battery, and PV (solar) string and switches between various operation modes automatically depending on the operational conditions.

When used as an UPS, battery or PV (solar) string act as back-up power source to supply loads during the outage of AC mains.

When used as an energy-saving device, the PV (solar) string can be set as priority to supply the loads without consuming the power from AC mains, as long as sufficient sunlight is present.

The battery can be charged by both AC mains and PV (solar) string with intelligent charging control.

Key features :

- Automatic line-to-battery switchover
- Built-in enhanced AC charger
- Built-in solar charger controller up to 40A
- Selectable Input voltage ranges/AC charging current/ AC or solar charger priority
- High efficient DC-to-AC conversion with minimized energy loss
- Rack design & wall-mounted design for flexible installation
- Intelligent 3-stage charger control for efficient charging and preventing overcharge
- Auto restart upon AC recovery
- User-friendly LCD and LED indications
- Multiple protections: low battery alarm, low battery shutdown, over charger protection, overload protection, over temperature protection, short circuit protection





ORION SA MKS OFF GRID INVERTER

Harga..... Call

Description

ORION SA-MKS Off-Grid Inverter 5KVA

This is a multi-function inverter/charger, combining functions of inverter, MPPT solar charger and battery charger to offer uninterruptible power support with portable size. Its comprehensive LCD display offers user-configurable and easy-accessible button operation such as battery charging current, AC/Solar charger priority, and acceptable input voltage based on different applications.

Features :

- Pure Sine wave Inverter
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computer
- Selectable charging current based on applications
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Parallel operation with up to 6 units only available for 4kVA/5kVA
- Optional remote panel available

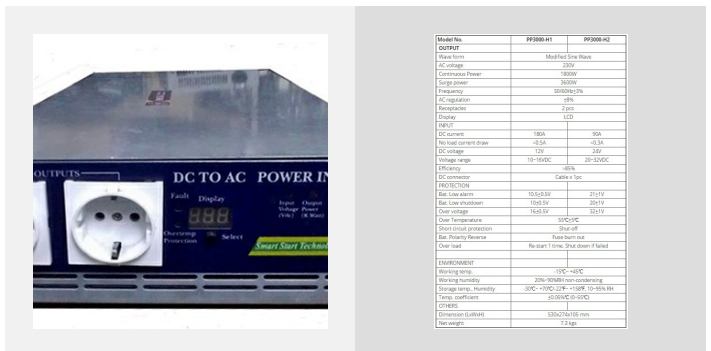
Inverter PASCAL PP3000-H1

Harga..... Call

Description

Fitur :

- Internal heat sink
- 8cm thermal control fan(s) to lower operation temperature
- With remote control function (detachable)
- Front LCD display shows you the input volt, output watts, and any failure situation
- High peak power
- Re-start function
- Complete protection design
- Available for various appliances, including resistant load, RC load, induction load, computer load, L-type load, capacitance load...etc



Model No.	PP3000-H1	PP3000-H2
OUTPUT		
Wave form	Modified Sine Wave	
AC voltage	220V	
Continuous Power	3000W	
Surge power	6000W	
Frequency	50/60Hz±0.5%	
AC regulation	±0%	
Rectification	2 step	
Efficiency	≥93%	
MPPT	100%	
DC current	300A	350A
Max load current draw	±5.5A	±6.5A
DC voltage	12V	24V
Voltage range	10~160VDC	20~320VDC
Efficiency	≥95%	
DC connection	Cable & SMC	
PROTECTION		
Bat. Low Alarm	10.5V/12V	21.5V/24V
Bat. Low Protection	10.5V/12V	20.5V/24V
Over voltage	130V/140V	260V/280V
Over Temperature	SHUTDOWN	
Short circuit protection	SHUTDOWN	
Bat. Polarity Reverse	Batter Burn out	
Over load	No alarm / Over / Shut down / Trip	
ENVIRONMENT		
Working temp.	-10°C ~45°C	
Storage temp.	-20°C~70°C (non-condensing)	
Storage temp. Humidity	30%~90%RH (10~95% RH)	
Temp. coefficient	±0.05%/°C (0~50°C)	
OTHERS		
Dimension (LxWxH)	150x210x110 mm	
Net weight	3.2 kgs	



Model No.	PP5000-H1	PP5000-H2
OUTPUT		
Wave form	Modified Sine Wave	
AC voltage	220V	
Continuous Power	5000W	
Surge power	10000W	
Frequency	50/60Hz±0.5%	
AC regulation	±0%	
Rectification	2 step	
Efficiency	≥93%	
MPPT	100%	
DC current	300A	350A
Max load current draw	±5.5A	±6.5A
DC voltage	12V	24V
Voltage range	10~160VDC	20~320VDC
Efficiency	≥95%	
DC connection	Cable & SMC	
PROTECTION		
Bat. Low Alarm	10.5V/12V	21.5V/24V
Bat. Low Protection	10.5V/12V	20.5V/24V
Over voltage	130V/140V	260V/280V
Over Temperature	SHUTDOWN	
Short circuit protection	SHUTDOWN	
Bat. Polarity Reverse	Batter Burn out	
Over load	No alarm / Over / Shut down / Trip	
ENVIRONMENT		
Working temp.	-10°C ~45°C	
Storage temp.	-20°C~70°C (non-condensing)	
Storage temp. Humidity	30%~90%RH (10~95% RH)	
Temp. coefficient	±0.05%/°C (0~50°C)	
OTHERS		
Dimension (LxWxH)	150x210x110 mm	
Net weight	5.2 kgs	

Inverter PASCAL PP5000-H1

Harga..... Call

Description

Fitur :

- Internal heat sink
- 8cm thermal control fan(s) to lower operation temperature
- With remote control function (detachable)
- Front LCD display shows you the input volt, output watts, and any failure situation
- High peak power
- Re-start function
- Complete protection design
- Available for various appliances, including resistant load, RC load, induction load, computer load, L-type load, capacitance load...etc

Inverter PASCAL PS500-H1

Harga.....Call

Description

Fitur :

- Pure sine wave output (<2% THD)
- Input & Output fully isolation design
- High efficiency 87%~90%
- Internal and external heat sinks
- Multi-stage thermal control fan
- Frequency 50/60Hz selective switch
- Re-start function
- Complete protection design



Model No.	PS-500H1	PS-500H2	PS-500H4
Output			
Wave form	Pure Sine Wave		
DC voltage	250V		
Continuous Power	500W		
Surge power	1000W		
Frequency	50/60Hz/5%		
AC regulation	±1% (100V~250V)		
Response time	1ms		
LED indicator	Green LED for power on, Red LED for power failure status		
INPUT			
DC current	80A	80A	15A
Input current drain	0.5A	0.5A	0.5A
DC voltage	12V	24V	48V
Voltage range	10~14VDC	20~32VDC	40~60VDC
Efficiency	≥85%		
DC converter	Gate & IGBT		
PROTECTION			
Low voltage alarm	100.0V	200.0V	400.0V
Low voltage shutdown	95.0V	190.0V	380.0V
Over voltage	160.0V	320.0V	640.0V
Over Temperature	100°C		
Short circuit protection	Shut-off		
AC Frequency detection	Auto shut-off		
Over load	Recovery 1 time, Shut down if failed		
ENVIRONMENT			
Working temp.	-10°C ~ 40°C		
Working humidity	20%~90%RH non-condensing		
Storage temp., humidity	-20°C ~ 70°C, 20% ~ 90%RH		
Temp. coefficient	±0.5%/V (20~25°C)		
OTHER			
Dimension (LxWxD)	220x170x82.5 mm		
Net weight	4.25kg		



Model No.	PS-1000H1	PS-1000H2	PS-1000H4
Output			
Wave form	Pure Sine Wave		
DC voltage	250V		
Continuous Power	1000W		
Surge power	2000W		
Frequency	50/60Hz/5%		
AC regulation	±1% (100V~250V)		
Response time	1ms		
LED indicator	Green LED for power on, Red LED for power failure status		
INPUT			
DC current	80A	80A	15A
Input current drain	0.5A	0.5A	0.5A
DC voltage	12V	24V	48V
Voltage range	10~14VDC	20~32VDC	40~60VDC
Efficiency	≥85%		
DC converter	Gate & IGBT		
PROTECTION			
Low voltage alarm	100.0V	200.0V	400.0V
Low voltage shutdown	95.0V	190.0V	380.0V
Over voltage	160.0V	320.0V	640.0V
Over Temperature	100°C		
Short circuit protection	Shut-off		
AC Frequency detection	Auto shut-off		
Over load	Recovery 1 time, Shut down if failed		
ENVIRONMENT			
Working temp.	-10°C ~ 40°C		
Working humidity	20%~90%RH non-condensing		
Storage temp., humidity	-20°C ~ 70°C, 20% ~ 90%RH		
Temp. coefficient	±0.5%/V (20~25°C)		
OTHER			
Dimension (LxWxD)	220x170x82.5 mm		
Net weight	4.25kg		

Inverter PASCAL PS1000-H1

Harga.....Call

Description

Fitur :

- Pure sine wave output (<2% THD)
- Input & Output fully isolation design
- High efficiency 87%~90%
- Internal and external heat sinks
- Multi-stage thermal control fan
- Frequency 50/60Hz selective switch
- Re-start function
- Complete protection design

Inverter Pascal Home Series

Description

Home Series, a powerful all-in-one inverter which delivers unsurpassed clean true sine wave output power for all appliances in the office, home and industry, from a cell phone charger to a circular saw, including work lights, drills, vacuums, printer, fax machines, soldering iron, and more.

Home Series can be use at job sites, traveling, camp sites and during power failure emergencies. With its strong and durable design, Home series can be connected to non-limited number batteries and to endure non-stop 24 hours operation. The built-in 5-stage intelligent charger provides an efficiently charge ability without the risk of overcharge. Optional solar charger server supports solar panel to work in parallel with utility. The compact & modular design make utility interactive installations easier and more cost effective. It is a high quality product which offers the best performance for home, office use as well as in the industry.

Features:

- Unlimited load applicability.
- Unlimited batteries backup time.
- 24 hours operation on the inverter
- Multi-stage charger support batteries up to 600AH compatible with both linear & non-linear load.
- Controllable & Removable panel with LCD.
- Parameter Pre-settable.
- Support solar panel.



Low DC Voltage supports Office and Home appliances
 DC Start and automatic self-diagnostic function.
 High efficiency design to save electricity.
 Designed to operate under harsh environment.
 Optional Multiple interfaces cards available.



	PS3000-H1	PS3000-H2	PS3000-H3
OUTPUT			
Model No.	PS3000-H1	PS3000-H2	PS3000-H3
AC Voltage	230VAC	230VAC	230VAC
Continuous Power	3000W	3000W	3000W
Surge Power	6000W	6000W	6000W
Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Frequency	50/60Hz (5%)	50/60Hz (5%)	50/60Hz (5%)
AC Regulation	±0.5% (100V-230V)	±0.5% (100V-230V)	±0.5% (100V-230V)
Regulation	1%	1%	1%
DC Current	180A	180A	180A
DC no load current normal mode	1.5A	1.5A	1.5A
DC no load current under power	0.12A	0.12A	0.12A
Efficiency (Typ.)	87%	87%	87%
Working mode	12V	24V	48V
Voltage Range	16-160VDC	20-220VDC	40-410VDC
Efficiency (Typ.)	87%	87%	87%
DC Connector	Cable Type	Cable Type	Cable Type
Fans	1	1	1
Battery low alarm	16.5V	21.1V	42.2V
Battery low shut down	16.0V	20.6V	41.7V
Over voltage	168.0V	217.1V	434.2V
Over Temperature	95°C	95°C	95°C
Short Circuit Protection	Stop-off	Stop-off	Stop-off
Battery polarity	Reverse	Reverse	Reverse
Over Load	Restart 1 time, shut down if failed	Restart 1 time, shut down if failed	Restart 1 time, shut down if failed
Working Temp.	-10°C ~ 45°C	-10°C ~ 45°C	-10°C ~ 45°C
Working Humidity	20%~90% non-condensing	20%~90% non-condensing	20%~90% non-condensing
Storage Temp. Humidity	-30°C ~ 70°C / 20% ~ 90% RH	-30°C ~ 70°C / 20% ~ 90% RH	-30°C ~ 70°C / 20% ~ 90% RH
Temp. Coefficient	±0.05% / °C @ 25°C	±0.05% / °C @ 25°C	±0.05% / °C @ 25°C
EMC Conduction & Radiation	Compliance to EN55022 class B, CISPR25 Class 2	Compliance to EN55022 class B, CISPR25 Class 2	Compliance to EN55022 class B, CISPR25 Class 2
EMC Immunity	Compliance to EN61000-4, 2	Compliance to EN61000-4, 2	Compliance to EN61000-4, 2
LVD	Compliance to EN60950	Compliance to EN60950	Compliance to EN60950
UL	UL60950	UL60950	UL60950
Dimension (LxWxH)	170x270x100 mm	170x270x100 mm	170x270x100 mm
Net. Weight	4.5 kg	4.5 kg	4.5 kg
Gross Weight (With Cable)	5.0 kg	5.0 kg	5.0 kg

Inverter PASCAL PS3000-H1

Description

Fitur :

- Pure sine wave output (<2% THD)
- Input & Output fully isolation design
- High efficiency 87%~90%
- Internal and external heat sinks
- Multi-stage thermal control fan
- Frequency 50/60Hz selective switch
- Re-start function
- Complete protection design
- Movable front LCD display panel
- Green power function
- Hard wiring design

Inverter PASCAL PS5000-H1

Harga.....Call

Description

Fitur :

- Pure sine wave output (<2% THD)
- Input & Output fully isolation design
- High efficiency 87%~90%
- Internal and external heat sinks
- Multi-stage thermal control fan
- Frequency 50/60Hz selective switch
- Re-start function
- Complete protection design
- Movable front LCD display panel
- Green power function
- Hard wiring design



	PS5000-H1	PS5000-H2	PS5000-H3
OUTPUT			
Model No.	PS5000-H1	PS5000-H2	PS5000-H3
AC Voltage	230VAC	230VAC	230VAC
Continuous Power	5000W	5000W	5000W
Surge Power	10000W	10000W	10000W
Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
Frequency	50/60Hz (5%)	50/60Hz (5%)	50/60Hz (5%)
AC Regulation	±0.5% (100V-230V)	±0.5% (100V-230V)	±0.5% (100V-230V)
Regulation	1%	1%	1%
DC Current	180A	180A	180A
DC no load current normal mode	1.5A	1.5A	1.5A
DC no load current under power	0.12A	0.12A	0.12A
Efficiency (Typ.)	87%	87%	87%
Working mode	12V	24V	48V
Voltage Range	16-160VDC	20-220VDC	40-410VDC
Efficiency (Typ.)	87%	87%	87%
DC Connector	Cable Type	Cable Type	Cable Type
Fans	1	1	1
Battery low alarm	16.5V	21.1V	42.2V
Battery low shut down	16.0V	20.6V	41.7V
Over voltage	168.0V	217.1V	434.2V
Over Temperature	95°C	95°C	95°C
Short Circuit Protection	Stop-off	Stop-off	Stop-off
Battery polarity	Reverse	Reverse	Reverse
Over Load	Restart 1 time, shut down if failed	Restart 1 time, shut down if failed	Restart 1 time, shut down if failed
Working Temp.	-10°C ~ 45°C	-10°C ~ 45°C	-10°C ~ 45°C
Working Humidity	20%~90% non-condensing	20%~90% non-condensing	20%~90% non-condensing
Storage Temp. Humidity	-30°C ~ 70°C / 20% ~ 90% RH	-30°C ~ 70°C / 20% ~ 90% RH	-30°C ~ 70°C / 20% ~ 90% RH
Temp. Coefficient	±0.05% / °C @ 25°C	±0.05% / °C @ 25°C	±0.05% / °C @ 25°C
EMC Conduction & Radiation	Compliance to EN55022 class B, CISPR25 Class 2	Compliance to EN55022 class B, CISPR25 Class 2	Compliance to EN55022 class B, CISPR25 Class 2
EMC Immunity	Compliance to EN61000-4, 2	Compliance to EN61000-4, 2	Compliance to EN61000-4, 2
LVD	Compliance to EN60950	Compliance to EN60950	Compliance to EN60950
UL	UL60950	UL60950	UL60950
Dimension (LxWxH)	170x270x100 mm	170x270x100 mm	170x270x100 mm
Net. Weight	4.5 kg	4.5 kg	4.5 kg
Gross Weight (With Cable)	5.0 kg	5.0 kg	5.0 kg

Inverter Telkom PASCAL EVR Series

Harga.....Call

Type.....

PS1000-4EVR / PS1700-4EVR / PS2500-4EVR / PS3500-4EVR / PS4000-4EVR

Capacity..... 1000VA to 4000VA

Description

Special Feature :

- Sine Wave output.
- Wide DC input range.
- Output short circuit protection.
- DC input polarity protection.
- Designed for any kind of load.
- Adjustable low battery shutdown level.
- Automatic restart of load after overload shutdown.
- Audible alarm.





Model No.	PP200-H1	PP200-H2
OUTPUT		
Wave form	Modified Sine Wave	
AC voltage	230V	
Continuous power	100W	
Surge power	300W	
Frequency	50/60Hz/5%	
AC regulation	±5%	
INPUT		
No load current draw	0.2A	0.1A
DC voltage	12V	24V
Voltage range	9.5-16VDC	19-32VDC
Efficiency	~95%	
DC connector	Cigar plug	
PROTECTION		
Ext. Low alarm	NO	
Ext. Low shutdown	5.5±0.5V	19±1V
Over voltage	16±0.5V	32±1V
Over Temperature	55°C/±5C	
Short circuit protection	Shut-off	
Ext. Polarity Reverse	Fuse burn out	
Over load	Restart 1 time. Shut down if failed	
ENVIRONMENT		
Working temp.	-15°C ~ +45°C	
Working humidity	20%~90%RH non-condensing	
Storage temp., Humidity	0°C ~ +70°C/22% ~ 95%RH, 10~95% RH	
Temp. coefficient	±0.5%/V (0~55°C)	
CPH45		
Dimension (LxWxH)	115±0.5±0.5 mm	
Net weight	0.45 kgp	

Inverter PASCAL PP200-H1

Harga.....Call

Description

Fitur :

- With USB power port function-5V/1A power
- Bi-housing fashion design--with plastic and metal housing
- Compact size and light weight
- Re-start function
- Complete protection design

Inverter PASCAL PP500-H1

Harga.....Call

Description

Fitur :

- With USB power port function-5V/1A power
- Bi-housing fashion design--with plastic and metal housing
- Compact size and light weight
- Re-start function
- Complete protection design



Model No.	PP500-H1	PP500-H2
OUTPUT		
Wave form	Modified Sine Wave	
AC voltage	230V	
Continuous power	500W	
Surge power	1200W	
Frequency	50/60Hz/5%	
AC regulation	±5%	
INPUT		
No load current draw	0.25A	0.2A
DC voltage	12V	24V
Voltage range	9.5-16VDC	19-32VDC
Efficiency	~95%	
DC connector	Cigar plug / Cigar plug (optional)	
PROTECTION		
Ext. Low alarm	10±0.5V	20±1V
Ext. Low shutdown	5.5±0.5V	19±1V
Over voltage	16±0.5V	32±1V
Over Temperature	55°C/±5C	
Short circuit protection	Shut-off	
Ext. Polarity Reverse	Fuse burn out	
Over load	Restart 1 time. Shut down if failed	
ENVIRONMENT		
Working temp.	-15°C ~ +45°C	
Working humidity	20%~90%RH non-condensing	
Storage temp., Humidity	0°C ~ +70°C/22% ~ 95%RH, 10~95% RH	
Temp. coefficient	±0.5%/V (0~55°C)	
OTHERS		
Dimension (LxWxH)	115±0.5±0.5 mm	
Net weight	0.55 kgp	

Inverter PASCAL PP1500-H1

Harga.....Call

Description

Fitur :

- Compact and dexterous dimension design
- External heat sink
- Re-start function
- Complete protection design



Model No.	PP1500-H1	PP1500-H2
OUTPUT		
Wave form	Modified Sine Wave	
AC voltage	230V	
Continuous power	1500W	
Surge power	3000W	
Frequency	50/60Hz/5%	
AC regulation	±5% (10V~15V)	
INPUT		
No load current draw	0.3A	0.3A
DC voltage	12V	24V
Voltage range	10-16VDC	20-32VDC
Efficiency	~95%	
DC connector	Cable 4 Top	
PROTECTION		
Ext. Low alarm	10±0.5V	21±1V
Ext. Low shutdown	5.5±0.5V	20±1V
Over voltage	16±0.5V	32±1V
Over Temperature	55°C/±5C	
Short circuit protection	Shut-off	
Ext. Polarity Reverse	Fuse burn out	
Over load	Restart 1 time. Shut down if failed	
ENVIRONMENT		
Working temp.	-15°C ~ +45°C	
Working humidity	20%~90%RH non-condensing	
Storage temp., Humidity	0°C ~ +70°C/22% ~ 95%RH, 10~95% RH	
Temp. coefficient	±0.5%/V (0~55°C)	
CPH45		
Dimension (LxWxH)	205±1.7±0.5 mm	
Net weight	2.40 kgp	

Inverter PASCAL PP1000-H1

Harga.....Call



Model No.	PP1000-H1	PP1000-H2
OUTPUT		
Wave form	Modified Sine Wave	
AC voltage	230V	
Continuous power	1000W	
Surge power	2000W	
Frequency	50/60Hz/5%	
AC regulation	±5%	
INPUT		
No load current draw	0.3A	0.3A
DC voltage	12V	24V
Voltage range	10-16VDC	20-32VDC
Efficiency	~95%	
DC connector	Cable #1	
PROTECTION		
Ext. Low alarm	10±0.5V	21±1V
Ext. Low shutdown	5.5±0.5V	20±1V
Over voltage	16±0.5V	32±1V
Over Temperature	55°C/±5C	
Short circuit protection	Shut-off	
Ext. Polarity Reverse	Fuse burn out	
Over load	Restart 1 time. Shut down if failed	
ENVIRONMENT		
Working temp.	-15°C ~ +45°C	
Working humidity	20%~90%RH non-condensing	
Storage temp., Humidity	0°C ~ +70°C/22% ~ 95%RH, 10~95% RH	
Temp. coefficient	±0.5%/V (0~55°C)	
CPH45		
Dimension (LxWxH)	220±1.2±0.5 mm	
Net weight	1.40 kgp	



Stabilizer Servo Motor

Harga.....Call

Description

Apa itu AVR dan mengapa/kapan kita membutuhkannya?

AVR singkatan dari Automatic Voltage Regulator, yang lebih dikenal dengan sebutan Stabilizer yang berfungsi untuk mengatur tegangan listrik secara otomatis. Kita membutuhkan AVR/Stabilizer jika menemukan gejala-gejala sebagai berikut (diasumsikan alat tersebut baru terpasang atau tidak bermasalah) :

1. Bola Lampu yang redup atau berkedip
2. AC (Air Conditioner) yang tidak dingin
3. Pendeknya umur alat-alat listrik yang dipakai (rusak sebelum waktu yang ditentukan oleh pabrikan)
4. Hasil Produksi yang tidak sempurna dari mesin di pabrik anda

Hal-hal tersebut disebabkan oleh perubahan tegangan pada sumber listrik di daerah anda yang tidak menentu yang pada umumnya disebabkan oleh beban yang berlebihan di area anda.

SPESIFIKASI AVR, SERVO MOTOR MERK PASCAL :

- Tegangan Input :160 – 240Vac
- Tegangan Output :220Vac +/-2%
- Phase :Single Phase dan Three Phase
- Frekuensi :50Hz/60Hz
- Waktu Respon :4 detik pada saat 10%
- Penyimpangan dari input
- Efisiensi :diatas 98%
- Suhu Ruangan : -5 –40 derajat C
- Kelembaban : 0 – 90% tanpa kondensasi
- Sistem Kontrol :DC Servo-motor
- Kekuatan Dielektrik :3000V untuk 1 menit
- Kapasitas : 1KVA - 1000KVA

Stabilizer Pascal Ferroresonant

Harga.....Call

Description

Stabilizer jenis ini adalah yang terbaik untuk melindungi pengaruh adanya perubahan tegangan yang ada pada PLN, dimana bila PLN turun atau naik dengan variasi dari 160-250Volt, maka Covomer ini akan tetap memberikan tegangan output 220% +/-2%. Karena menggunakan sistim trafo galvanized isolated antara input PLN dan output Stabilizer, maka kejutan listrik (spikes, impuls, dan transient) yang ada pada tegangan PLN akan diredam sehingga tidak membahayakan peralatan elektronik yang sensitip, seperti misalnya komputer, telex, dll. Juga noise yang ada pada jaring PLN, akan di redam oleh COVOMER ini.

Dibandingkan dengan stabilizer yang umumnya ada dipasaran, dimana digunakan motor kecil untuk menstabilkan tegangan, dan gerakan motor ini response/reaksi-nya lambat 6 detik dimana kenaikan tegangan akan tetap terasa oleh peralatan yang terpasang padanya, dan kejutan listrik tetap tidak diredam. Juga bila menggunakan stabilizer motor ini, dimana menggunakan sepatu arang sebagai perantara gesekan pada trafonya, dan bila motor ini sering berputar maka sepatu arang tersebut menjadi aus, dan menimbulkan bunga api, yang membahayakan computer dan peralatan electronic.Sedangkan COVOMER ferro resonant stabilizer hanya membutuhkan waktu 0.02 detik saja, yang tidak akan terasa oleh komputer, dan peralatan elektronik yang sensitif.





UPS Modular Pascal RM Series

Harga.....Call

Description

RM series modularized UPS maintains the technical features of traditional tower-type UPS and adopts modularized design to meet the need of modern service room, while ensuring the high reliability of the system. RM series offers various power modules and cabinet systems, and the user can able to flexibly combine them according to load demand. The capacity of a single cabinet is 200KVA and that of combined cabinets reaches 400KVA.

Features :

- PS system is modular design, N+X redundancy, hot plugging for system update or capacity expansion
- Strong load adaptability and loading capacity, and excellent power grid applicability
- Green and energy-saving power supply; overall efficiency: >95%; input power factor: > 0.99; input current harmonics: <3%
- Dual DSP for independent control of power module, no single point of failure
- Digital control of rectification, inverter, charging and discharging via DSP
- Integrated and packaged IGBT instead of discrete device to greatly enhance the reliability of power module and UPS system
- Front panel for easy maintenance, inlet wire from top to bottom for easy connection by user
- Large touch screen of human-machine interface, a great amount of information
- Independent charging system, strong charging capacity, perfect battery management scheme
- Parallel connection technology of digital modules, precision circular current index
- Easy to install even close to other equipments, space-saving footprint in service room
- Redundancy and intelligent adjustable-speed fan, low noise, low power consumption
- Integrated distribution system inside system cabinet, easy to install, low investment by user
- Good matching performance with motor
- DC Starting via battery (cold boot) for easy operation
- Three-proofing treatment of all circuit boards

UPS PASCAL HT33 Series

Harga.....Call

Description

PASCAL HT33 series three phase UPS offers advanced technology that increase performance and reliability: three high speed DSPs with completed digital control fully ensure high quality of power supply, high input power factor makes UPS green energy saving power. It also offers humanization design: full front access of serviceability, user-friendly interface. Application: ISP(Internet Service Provider) , IDC(Internet Data Center) , Computing Center, Bank, Server Center, Precise equipment and etc.

Features :

1. Three phase in and out system, compatible with utility of 380/ 400/ 415V, 50/ 60Hz
2. Online double conversion, offering load with best power quality
3. Support all kinds of load, high overload capability
4. Fully digital control with three DSPs including IGBT rectifier, inverter, charger
5. Digital circulating current control technology, increasing the parallel reliability



6. Wide input voltage windows, compatible with different utilities
7. Green power technology, high input power factor, low current THD, high efficiency
8. Intelligent battery management, extending battery lifetime
9. Intelligent self-diagnose function, all kinds of fault protection, large capability of history record storage
10. Full front maintenance, saving space
11. Redundant design of power model fans, increasing the system reliability
12. Modularized design of subsystem, convenient field maintenance
13. High MTBF (mean time before failure) (> 200.000h) , low MTTR(mean time to repair) (< 0.5h)
14. Large LCD display, friendly human machine interface
15. Configured with top and bottom cable connection
16. All kinds of option include main back feed protection, bypass back feed protection, battery leakage protection, battery start kit and output isolation transformer lighting protection kit



UPS PROTEK ALP Series

Harga.....Call

Description

UPS PROTEK ALP Series 10KVA ~ 400KVA 3 Phase

Features & Advantages :

1. Advanced technology of PWM, DSP and IGBT switching components Designed to use a high frequency, highly efficiency DSP/IGBT and PWM technology in converting DC to AC power
2. True Galvanic isolation design Solve ultimately the problem of power system, including noise, lightning, and leakage current etc
3. Multi-CPU design and software/hardware cooperate control Make the system extremely high reliable
4. Plug & Play modular design To allow for each power circuit to be easily removed for quick maintenance and troubleshooting
5. Each phase with individual inverter supporting Characteristics will not be violated under 100% unbalance load
6. Protection against detaching and floating of the neutral of input power supply Ensure the safety and stability of the UPS power output
7. Protection from user error Advanced circuitry prohibits damage to the system when the user makes an operational mistake
8. Intelligent charger with temperature compensation Prolong the battery life expectancy. And with huge charging power (selectable), can charge very big capacity, long back-up time battery bank
9. Intelligent, safe battery test circuitry Test the battery without the risk of output AC failure in case of battery bad. And with battery fluid leakage and improper grounding detect circuitry, can ensure safety of the battery bank
10. Intelligent fan speed control Increase the fan life expectancy and reduce audible noise
11. Reasonable heat evacuation passage design Main PCBs are designed in a holder to separate the control circuitry and power circuitry. Therefore, the UPS system can operate under harsh environment
12. Cool start function Can be started without AC mains (with battery only) and protected from high inrush current
13. Variety of accessory (options) Remote control panel, 3 phases software for PC monitoring, auto dialing module, battery monitoring module, 3 phases SNMP card, and emergency power-off switch are available
14. Microprocessor design base
15. Mini-remote control panel (option)
16. Multiple output sockets
17. Minimum foot print area design, light weight
18. Built-In AVR for wider input range
19. Auto re-charging whenever AC exist
20. Hot swappable battery by users

21. RS232 communication port
22. Tel / Modem internet surge suppression
23. DC Start function
24. Green power function
25. Auto detecting frequency 12-Pulse Full Controlled Rectifier (option)
To reduce total harmonic current and for UPS

UPS Pascal PCL1000HT 1K~3KVA

Harga.....Call

Description

HT series is online double-conversion UPS with full DSP control technology. With high input and output power factor, self-adjusting output frequency, smart battery management system and network management, HTseries is a perfect choice for computers, telecommunication equipments and other sensitive devices.

Features :

- Wide range of input voltage while input PF>99%
- Output PF of 0.9 , more powerful load capability
- Full protection of overvoltage, circuit short and over temperature
- Network / fax / modem surge protection
- LCD / LED display, monitoring all the operation status
- Auto fan speed adjust
- Lighting and surge protection
- Abundant interface : RS232,USB, SNMP & Intelligent Card



UPS PASCAL PCL6000HT (6K~10KVA)

Harga.....Call

Description

HT series 1/1 and 3/1 Phase are online double-conversion UPS with full DSP control technology. With high input and output power factor, self-adjusting output frequency, smart battery management system and network management, HT series are perfect choice for computers, telecommunication equipments and other sensitive devices.

Features :

- Wide range of input voltage and high input power factor
- Output PF of 0.9
- Full protection of overvoltage, circuit short and over temperature
Network/fax/modem surge protection
- LCD display, monitoring all the operation status
- Auto fan speed adjustment
- Abundant interface : RS232,USB, SNMP, Intelligent Card

UPS Pascal P-650Clu

Harga.....Rp. 640.000

Description

UPS Pascal CLu Series (USB Support) adalah UPS dengan kinerja tinggi yang dirancang khusus untuk pengguna rumahan, kantor dan workstation untuk memberikan perlindungan daya. Dirancang dengan boost dan buck teknologi stabilizer, yang memungkinkan jika ada lonjakan tegangan dan penurunan tegangan langsung dapat dikoreksi sebelum mencapai peralatan Anda.

UPS PASCAL CLu Series (USB Support) dirancang menggunakan mikroprosesor canggih yang menggantikan komponen analog yang sudah usang. Hal ini dapat sangat meningkatkan keandalan produk dan efisiensi. UPS juga memiliki perlindungan surge untuk fax / modem.

UPS PASCAL CLu (USB Support) juga dilengkapi dengan fitur baterai manajemen untuk melindungi baterai saat UPS tidak dipergunakan. Dalam situasi dimana unit mendeteksi tidak ada peralatan yang dibackup, maka secara otomatis akan mematikan UPS. Dengan desain yang luar biasa dan fitur-fitur yang canggih, adalah pilihan yang sangat baik dan cerdas untuk kebutuhan perlindungan peralatan anda.

Fitur :

- Ukuran kompak, cocok hampir di mana saja
- Desain menggunakan Microprocessor
- Efisien dengan topologi Line Interaktif
- AVR (Automatic Voltage Regulator)
- Perlindungan overload dan alarm
- Perlindungan output hubungan singkat
- DC Battery ON (Cold Start)
- Proteksi Fax / modem dari spike
- Kapasitas 650VA, 850VA, 1200VA dan 1500VA
- Garansi 1 tahun



UPS Pascal NTP Series

Harga.....Call

Description

NTP PASCAL (Pro) adalah UPS Line Interaktif yang dirancang dengan biaya rendah tapi tetap handal dalam hal perlindungan kepada perangkat-perangkat anda. Bentuk gelombang output inverternya yang sinus (seperti PLN) dan sistem Boost and Buck Stabilizernya akan meningkatkan fungsi dari UPS Line interaktif ini. Karena itulah UPS ini menjadi pilihan yang lebih baik jika dibandingkan dengan UPS off-line atau yang lebih mahal (on-line UPS).

UPS PASCAL NT seri Pro ini juga memiliki perlindungan terhadap overload, hubungan singkat dan suhu didalam UPS yang terlalu panas. Dengan desain perlindungan yang lengkap dan harga yang terjangkau ini membuat UPS PASCAL NT Pro menjadi pilihan terbaik untuk melindungi perangkat anda.

Selain itu UPS ini dilengkapi dengan dua mode pengisian (Boost Charging and Float Charging) yang akan tetap menjaga baterai dalam kondisi terbaik.

Tersedia juga kapasitas 3000VA dan 5000VA.

Keunggulan:

- Bentuk gelombang output UPS Sinus Murni
- Desain berbasis Mikroprosesor
- Adjustable sensitivitas tegangan masukan, tegangan pengisian dan transfer poin tegangan masukan
- Backup Sisa indikasi Perkiraan Waktu (sistem EBT pada versi LCD)
- Manajemen baterai pintar dengan 2 tahap sistem pengisian
- Real time auto-deteksi kondisi baterai
- Otomatis restart setelah shutdown beban UPS
- Desain Boost dan Buck stabilizer untuk memperluas rentang operasi tegangan masukan

- Rentang tegangan masukan yang lebar (sampai + / -35%)
- Perlindungan untuk overload, hubung singkat dan kelebihan suhu
- Green Power desain untuk menghemat baterai
- Dapat dimonitoring melalui WEB (opsional SNMP)
- RS-232 antarmuka untuk komunikasi, kompatibel dengan semua OS, termasuk Windows, Linux,UNIX SCO, & DOS
- Garansi 1 Tahun

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