

POWERCOM UNINTERRUPTIBLE POWER SUPPLY (UPS)



RAPTOR SERIES 650VA -1KVA UPS



- 3 steps of AVR, CPU Controlled
- 145 – 290 VAC \pm 5 VAC Input Voltage
- 50 Hz / 60 Hz (Auto Sensing) Input Frequency
- 200 – 255 VAC Output Voltage
- 50 \pm 0.5Hz / 60 \pm 0.5Hz Output Frequency
- PWM (DC Mode) Wave Form
- Typical 2~6 ms, Max. 10ms Transfer Time
- 4~6 Hours recover to 90% capacity Charging Period
- Battery Low Voltage, Overload and Short Circuit Protection
- Auto re-starts when AC recovers, Silence set-up, Automatic Charging (offline charging)
- 3 – 10 Minutes Load Dependent Back Up

RAPTOR SERIES 1.025KVA - 2.0 KVA UPS



- 3 steps of AVR, CPU Controlled
- 145 – 290 VAC \pm 5 VAC Input Voltage
- 50 Hz / 60 Hz (Auto Sensing) Input Frequency
- 200 – 255 VAC Output Voltage
- 50 \pm 0.5Hz / 60 \pm 0.5Hz Output Frequency
- PWM (DC Mode) Wave Form
- Typical 2~6 ms, Max. 10ms Transfer Time
- 4~6 Hours recover to 90% capacity Charging Period
- Battery Low Voltage, Overload and Short Circuit Protection
- Auto re-starts when AC recovers, Silence set-up, Automatic Charging (offline charging)
- 3 – 10 Minutes Load Dependent Back Up

PT SERIES 1KVA UPS



- INPUT VOLTAGE RANGE - 120 – 275 VAC
- FREQUENCY - 50 / 60Hz
- OUTPUT VOLTAGE RANGE - 220±1% VAC
- WAVE FORM - Pure Sine Wave
- TRANSFER TIME - 0 ms
- BACK-UP TIME - 3 – 10 minutes Load Dependent
- True Online double-conversion UPS
- Microprocessor control optimizes reliability
- Output power factor 1.0
- Wide input Voltage Range
- Generator compatible
- Charger capacity expandable for long-run models
- Smart SNMP works well with either USB or RS-232 (optional)
- High efficiency up to 95.5% lower power loss and save cost
- Green power ECO mode, power efficiency up to 98.5%

PT SERIES 2KVA UPS



- INPUT VOLTAGE RANGE - 120 – 275 VAC
- FREQUENCY - 50 / 60Hz
- OUTPUT VOLTAGE RANGE - 220±1% VAC
- WAVE FORM - Pure Sine Wave
- TRANSFER TIME - 0 ms
- BACK-UP TIME - 3 – 10 minutes Load Dependent
- True Online double-conversion UPS
- Microprocessor control optimizes reliability
- Output power factor 1.0
- Wide input Voltage Range
- Generator compatible
- Charger capacity expandable for long-run models
- Smart SNMP works well with either USB or RS-232 (optional)
- High efficiency up to 95.5% lower power loss and save cost
- Green power ECO mode, power efficiency up to 98.5%

PT SERIES 3KVA UPS



- INPUT VOLTAGE RANGE - 120 – 275 VAC
- FREQUENCY - 50 / 60Hz
- OUTPUT VOLTAGE RANGE - 220±1% VAC
- WAVE FORM - Pure Sine Wave
- TRANSFER TIME - 0 ms
- BACK-UP TIME - 3 – 10 minutes Load Dependent
- True Online double-conversion UPS
- Microprocessor control optimizes reliability
- Output power factor 1.0
- Wide input Voltage Range
- Generator compatible
- Charger capacity expandable for long-run models
- Smart SNMP works well with either USB or RS-232 (optional)
- High efficiency up to 95.5% lower power loss and save cost
- Green power ECO mode, power efficiency up to 98.5%

PT SERIES 6 & 10KVA



- INPUT VOLTAGE RANGE - 120 – 275 VAC
- FREQUENCY - 50 / 60Hz
- OUTPUT VOLTAGE RANGE - 220±1% VAC
- WAVE FORM - Pure Sine Wave
- TRANSFER TIME - 0 ms
- BACK-UP TIME - 3 – 10 minutes Load Dependent
- True Online double-conversion UPS
- Microprocessor control optimizes reliability
- Output power factor 1.0
- Wide input Voltage Range
- Generator compatible
- Charger capacity expandable for long-run models
- Smart SNMP works well with either USB or RS-232 (optional)
- High efficiency up to 95.5% lower power loss and save cost
- Green power ECO mode, power efficiency up to 98.5%

SL SERIES 3 KVA UPS



AC MODE :

- INPUT VOLTAGE RANGE - 145 – 275 VAC
- INPUT FREQUENCY RANGE - 50 / 60 Hz
- OUTPUT VOLTAGE RANGE - 200 – 240 VAC
- EFFICIENCY - $\geq 96\%$ (AC Mode)

INVERTER MODE:

- OUTPUT VOLTAGE RANGE - 220 VAC $\pm 5\%$
- OUTPUT FREQUENCY - 50 / 60 ± 0.5 Hz
- OUTPUT WAVE FORM - Pure Sine Wave
- TRANSFER TIME - Typical 2~6 ms, Max. 10ms
- OVERLOAD CAPABILITY - Automatically shutdown in 60sec while with 110% load, and shutdown in 5 sec while with 120% load
- PROTECTION - Auto restart when AC recovers, Automatic Charging (offline charging), Battery low voltage protection, Overload & Short Circuit protection, Over Current protection.
- BACK-UP TIME - 3 – 10 Minutes Load Dependent

VANGUARD SERIES 5 KVA UPS



- Input Voltage - 220 VAC, (±27%), 1Ø, 60 Hz.
- Output Voltage - 220 VAC, (±2%), 1Ø, 60 Hz.
- Back-up Time - 3 – 10 mins. Load Dependent
- True on-line technology provides all power protection
- Pure sine-wave output less than 3% THD
- Fully digitized microprocessor controlled
- RS-232 Communication Port w/monitoring software
- Overload and short circuit protection
- Lightning and surge protection
- Cold start function (DC power on)
- Load and battery status indicator
- Expandable back-up time with external battery pack
- Advance Battery Management (ABM)
- Automatic battery charge in UPS off mode
- Battery replacement warning
- EMI/RFI Noise filter

VANGUARD SERIES 6 KVA (110V)



- Input Voltage - 110 VAC, (±27%), 1Ø, 60 Hz.
- Output Voltage - 110 VAC, (±2%), 1Ø, 60 Hz.
- Back-up Time - 3 – 10 mins. Load Dependent
- True on-line technology provides all power protection
- Pure sine-wave output less than 3% THD
- Fully digitized microprocessor controlled
- RS-232 Communication Port w/monitoring software
- Overload and short circuit protection
- Lightning and surge protection
- Cold start function (DC power on)
- Load and battery status indicator
- Expandable back-up time with external battery pack
- Advance Battery Management (ABM)
- Automatic battery charge in UPS off mode
- Battery replacement warning
- EMI/RFI Noise filter

VANGUARD SERIES 10KVA



- Input Voltage - 220 VAC, (±27%), 1Ø, 60 Hz.
- Output Voltage - 220 VAC, (±2%), 1Ø, 60 Hz.
- Back-up Time - 3 – 10 mins. Load Dependent
- True on-line technology provides all power protection
- Pure sine-wave output less than 3% THD
- Fully digitized microprocessor controlled
- RS-232 Communication Port w/monitoring software
- Overload and short circuit protection
- Lightning and surge protection
- Cold start function (DC power on)
- Load and battery status indicator
- Expandable back-up time with external battery pack
- Advance Battery Management (ABM)
- Automatic battery charge in UPS off mode
- Battery replacement warning
- EMI/RFI Noise filter