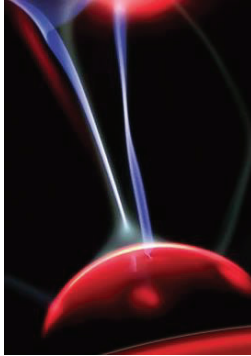


Flexible 6K-10K

On-line Single Phase UPS rack/tower



Uninterruptible Power Systems

| MODEL | | FLEXIBLE 6000 | FLEXIBLE 10000 |
|--|--------------------------------|--|------------------------------------|
| Phase | | Single phase with ground | |
| Capacity (VA/Watts) | | 6000VA / 5400W | 10000VA / 9000W |
| INPUT | | | |
| Nominal Voltage | | 208/220/230/240VAC | |
| Operating voltage range | Low line transfer | 187Vac±5% @ 100%-80%load 160Vac±5% @ 80%-70%load 140Vac±5% @ 70%-60%load 120Vac±5% @ 60%-50%load 110Vac±5% @ 50%-0%load (Ambient Temp. <35°C) | |
| | High line transfer | 300Vac ±5% | |
| | High line comeback | 290Vac ±5% | |
| Operating frequency range | | 50-60Hz | |
| Power factor | | ≥0.99@100% load (Nominal Input Voltage) | |
| OUTPUT | | | |
| Output voltage | | 208/220/230/240Vac | |
| Power factor | | 0,9 | |
| Voltage regulation | | ±1% | |
| Frequency | Line Mode (synchronized range) | 50-60Hz | |
| | Battery Mode | (50/60±0.1)Hz | |
| Crest factor | | 3:1 | |
| Harmonic distortion (THDv) | | ≤2% THD with linear load ≤5% THD with non linear load | |
| Waveform | | Pure Sinewave | |
| Transfer time | AC mode <-> Batt. Mode | Zero | |
| | Inverter <-> bypass | 4ms (Typical) | |
| Efficiency | | >94% (AC mode) >89% (DC mode) | >94.5% (AC mode) >89% (DC mode) |
| BATTERY | | | |
| Battery Type | | 9Ah (external battery cabinet) | |
| Numbers | | 16 (standard) | |
| Backup time | | depends on the capacity of external batteries | |
| Typical recharge time (standard model) | | 4 hours recover to 90% capacity (Typical) | |
| Charging voltage | | 219.2 VDC ±1% | |
| Charge current | | 12A max, can be setting by LCD | |
| SYSTEM FEATURES | | | |
| Line Mode / Battery Mode | | Ambient Temp.<35°C <ul style="list-style-type: none"> • 105%~110%: UPS shuts down after 60 minutes at battery mode or transfer to bypass when the utility is normal • 110%~130%: UPS shuts down after 5 minutes at battery mode or transfer to bypass when the utility is normal • >130%:UPS shuts down after 3 seconds at battery mode or transfer to bypass when the utility is normal 35°C<Ambient Temp.<40°C <ul style="list-style-type: none"> • 105%~110%: UPS shuts down after 1 minutes at battery mode or transfer to bypass when the utility is normal • >110%:UPS shuts down after 3 seconds at battery mode or transfer to bypass when the utility is normal | |
| Short Circuit | | Hold Whole System | |
| Overheat | | Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately | |
| Low battery voltage | | Alarm and Switch off | |

| | |
|-------------------------|---|
| EPO (optional) | Shut down UPS immediately |
| Audible & Visual alarms | Line Failure, Battery Low, Overload, System Fault |
| Communication interface | USB / RS232, SNMPcard (optional), Relay card (optional) |
| ENVIRONMENTAL | |
| Operating temperature | 0°C~40°C |
| Storage temperature | -25°C~55°C |
| Humidity range | 20-90 % RH @ 0- 40°C (non-condensing) |
| Altitude | < 1500m |
| Noise level | Less than 50dBA at 1 Meter |
| PHYSICAL | |
| Dimension WxHxD (mm) | 440*132*450 (3U) |
| Net Weight (kg) | 16 |
| STANDARDS | |
| Safety | IEC/EN62040-1,IEC/EN60950-1 |
| EMC | IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8 |

| | |
|----------------------|-------------------|
| BATTERY PACK | |
| N°of Batteries | 16pcs max (7/9Ah) |
| Dimension WxHxD (mm) | 440*132*520 (3U) |
| Net Weight (kg) | 50 |
| Remarks | Hotswappable |