

# SINGLE ONLINE UPS PI SERIES

(3KVA, 6KVA, 10KVA)



## BENEFITS

- ✓ True online double-conversion technology with high power density, utility frequency independence
- ✓ Three segment charging mode to increase battery service life, optimize recharge time
- ✓ Selectable High Efficiency mode of operation
- ✓ Cold start function to startup the UPS without utility
- ✓ Standard communication options
- ✓ Emergency, shutdown control through the remote emergency power-off (POE) port.
- ✓ Power shedding function may turn off uncritical load in battery backup to make longer backup time for critical load.

## APPLICATION



Data center



Internet networks



Hospital & testing laboratories

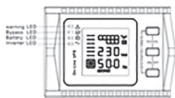


Fire & alarm system

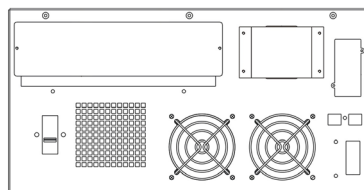


Servers

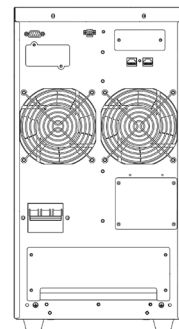
## SCHEMATICS



3000VA



6000VA



10KVA

## FEATURES



WIDE INPUT RANGE



WALL-MOUNTABLE DESIGN



FARBER-TRANSFER™

Instant transfer of power through zero-crossing detection



FARBER-TECHTOR™

Protects against overload

## SPECIFICATION

| MODEL                      | FA-UPS-96V-9AH-3000VA                                      | FA-UPS-240V-6000VA    | FA-UPSX-240V-10KVA-1PH                             |
|----------------------------|--|-----------------------|--|
| Capacity(VA/Watts)         | 3000VA   | 6000VA                | 10000VA  |
| <b>INPUT</b>               |  |                       |  |
| Normal voltage             | 200V, 208V, 220V, 230V, 240V                               | 220V, 230V, 240V      | 220V, 230V, 240V                                   |
| Operating voltage range    | 120V-270V  | 120V-270V             | 120-275V   |
| Operating frequency range  | 45-55HZ (50HZ) / 55-65HZ (60HZ) before transfer to battery | 40-70HZ               | 40-70HZ<br>50HZ:45HZ:60HZ:54HZ:66HZ (auto sensing) |
| Power factor               | 0,9  | ≥0.99                 | ≥0.99  |
| <b>OUTPUT</b>              |  |                       |  |
| Output voltage             | 200V, 208V, 220V, 230V, 240V                               | 220V, 230V            | 220V, 230V   |
| Output frequency           | 50 or 60 auto sensing                                      | 50 or 60 auto sensing | 50/60HZ (±1-10%)                                   |
| Harmonic distortion (THDv) | <3% THD or linear load; <5% on non-linear load             | <2% (linear load)     | ≤5% with non-linear load                           |
| Crest factor               |  | 3 to 1                |  |
| Efficiency                 |  | >93.5%                |  |
| <b>BATTERY</b>             |  |                       |  |
| DC voltage                 | 96V  | 240V                  | 240V   |
| Battery type               | 12V/9AH  | 12V/9AH               | 12V/9AH  |
| Overload capability        | loads 108-150%   | loads 100%-125%       | loads 100%-125%                                    |
| Transfer time              | Main to battery:0ms; Mains to Bypass:0ms                   |                       |  |
| <b>ENVIRONMENTAL</b>       |  |                       |  |
| operating temperature      | 0°C-40°C   |                       |  |
| Storage temperature        | -25°C-55°C   |                       |  |
| Humidity range             | 0-90%  |                       |  |
| Altitude                   | <1500m   |                       |  |
| Noise level                | <55dB  |                       |  |
| <b>PHYSICAL</b>            |  |                       |  |
| Dimension D*W*H (mm)       | 440 × 696 × 865  | 482*680*132.5         | 260*560*717  |



FARBER-TECHTOR™

Protects against short circuit



FARBER-TECHTOR™

Protects against over voltage



FARBER-TECHTOR™

Protects against under voltage



FARBER-WARNER™

In case of any fault or emergency, an alarm will sound