



**Allis Electric Co., Ltd.**

UNINTERRUPTIBLE  
POWER SUPPLY



## FP Series

### Key Features

- Double Conversion.
- Continuous battery charger and inverter for primary power path.
- Constant battery connection to inverter and load.
- Guarantee full power operation during power failure.
- No voltage drop and zero transfer time.
- Light weight unit.
- Hot-swappable battery.
- User-friendly Graphic LCD.



## Specifications

Model	FP1600	FP2500	FP3200	FP6000
<b>Input</b>				
Nominal Input Voltage	230 V (160 ~ 276 V)			
Nominal Input Frequency	50 / 60 Hz $\pm$ 5 Hz			
Input PFC	>0.98 @ full load			
<b>Output</b>				
Power	1600VA/1120W	2500VA/1750W	3200VA/2240W	6000VA/4200W
Output Voltage Regulation	208V / 220V / 230V / 240V (Rated Voltage $\pm$ 2%)			
Output Frequency	50/60HZ (Auto-tracking)			
High Efficiency Mode ( AC to AC )	>86%		>88%	
Output T.H.D	3% at linear load			
Overload Capacity	Sustaining 50sec @ 108% load; 28sec @ 110~120% load; 15sec @ 120~130% load; 9sec @ 140~145% load; Immediate Response @ 150%			
Crest ratio	3 : 1			
Transfer Time	Zero for power failures or recoveries. 4msec for UPS to Bypass or reverse.			
<b>Battery</b>				
Battery Packs	1 x 48VDC Battery Pack	2 x 48VDC Battery Pack (96V)	4 x 48VDC Battery Pack (192V)	
Typical Backup Time(Full/Half load)	7/18 minutes	8/20 minutes	6/17 minutes	
Battery Type	Sealed VRLA 12V7AH; Hot-Swappable			
Recharge Time to 90%	8 hours			
Extended Battery Cabinet	Extended Battery Module in 2U high (comprises 2 x 48VDC Battery Packs)			
<b>Mechanical</b>				
Dimensions ( W x H x D)( mm )	426 x 88(2U) x 540	426 x 176(4U) x 540	426 x 352(8U) x 540	
Weight(UPS / Battery Packs)(kgs)	12/12.5	13.5/32.5	27/65	
Total Weight(kgs)	24.5	46	92	
<b>Conformance</b>				
Safety Certifications	CE			

- All information contained in this brochure is purley indictive and can not be used to form any contractual obligations.
- Specification or design can be changed at anytime without notice.