

MODEL	FA-UPSX-480V -10KVA-3PH	FA-UPSX-480V -15KVA-3PH	FA-UPSX-480V -20KVA-3PH	FA-UPSX-480V -30KVA-3PH	FA-UPSX-480V -40KVA-3PH	FA-UPSX-480V -60KVA-3PH	FA-UPSX-480V -80KVA-3PH
PHASE	3-phase in/3-phase out						
Capacity(VA/Watts)	10KVA/10KW	15KVA/15KW	20KVA/20KW	30KVA/30KW	40KVA/40KW	60KVA/60KW	80KVA/80KW
INPUT							
Nominal Voltage	3 x 480 VAC (3PH+N)						
Voltage Range	190-520 VAC (3-phase) at 50% load ; 305-478 VAC (3-phase) at 100% load						
Frequency range	46-54Hz or 56-64Hz						
Power factor	± 0.99 @ 100% Load						
OUTPUT							
Output voltage	3 x 360/380/400/415 VAC (3 PH+N)						
AC Voltage Regulation (Batt. Mode)	± 1%						
Frequency Range (Synchronized Range)	46-54Hz or 56-64Hz						
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz						
Current Crest Ratio	3:01						
Transfer Time AC Mode to Batt. Mode	Zero						
Transfer Time Inverter to Bypass	Zero						
Waveform (Batt. Mode)	Pure Sine wave						
Overload AC Mode	100-110% for 10 min, 110-130% for 1 min, >130% for 1 second						
Overload Battery Mode	100-110% for 30 seconds, 110-130% for 10 seconds, >130% for 1 second						
Parallel Capacity	up to 3 units in parallel						
BATTERY							
Standard Model	Battery Type	12V / 9 Ah or 12 V / 7Ah		20*20 pcs x 2 strings		N/A	
	Numbers	20 pcs x (1-4) strings					
	Typical Recharge Time	9 hours recover to 90% capacity					
	Charging Current (Max.)	1A-12A (Adjustable)					
Long-run Model	Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)		Depending on the capacity of external batteries			
	Battery Type			32-40 pcs (Adjustable)			
	Numbers					2A-24A (Adjustable)	
	Charging Current (Max.)	1A-12A (Adjustable)		Parallelable up to 3 charger boards to reach 36A maximum		Parallelable up to 3 sets of dual charger boards to reach 72A maximum	
Charging Voltage							
PHYSICAL							
Standard Model	Dimension, DxWxH (mm)	630 x 250 x 826		139		815 x 300 x 1000	
	Net Weight (kgs)	124		139		225	
Long-run Model	Dimension, DxWxH (mm)	630 x 250 x 826		43		60	
	Net Weight (kgs)	28		43		67	
ENVIRONMENT							
Operation Temperature	0-40 °C						
Operation Humidity	< 95% and non-condensing						