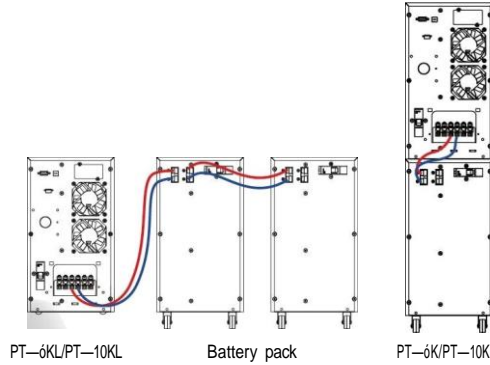
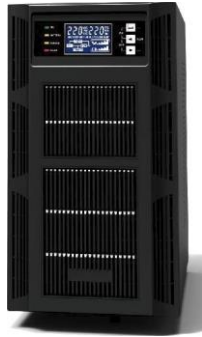


FO Series



MODEL	FO1K IN	FO1K EX	FO2K IN	FO2K EX	FO3K EX	FO3K IN	FO6K IN	FO6K EX	FO10K IN	FO10K EX	
Redundancy	Paralleled & redundancy										
Rated capacity	1 KVA / 1000W		2 KVA / 2000W		3 KVA / 3000W		6 KVA / 6000W		10 KVA / 10000W		
INPUT											
Input Formats	L+N+PE										
Nominal Voltage	208/220/230/240VAC										
Input Voltage Range	110-300VAC										
Frequency Range	44-56Hz or 54Hz-66Hz										
Power Factor	>0.99										
Harmonic Distortion	s3%THD(LinearLoad); s5%THD(Non-linearLoad)										
OUTPUT											
Output Formats	L+N+PE										
Output Voltage	208/220/230/240VAC										
Voltage Regulation	+1%										
Frequency Range	Line Mode. Synchronized range, Battery Mode: 50/60Hz+0.1%										
Harmonic Distortion	s2% THD (Linear Load); s5% THD (Non-linear Load)				s2% THD (Linear Load); s4% THD (Non-linear Load)						
Power Factor	1.0										
Transfer Time	Electric mode to battery mode Oms, Inverter mode to bypass mode 4ms										
Overlord Capacity	Line Mode: 1min @105%-125% Load 30s @ 125%-150% Load 0.5ms @ >150% Load					Line Mode: 30min @102%-105% Load 10min @105%-125% Load 30s @ 125%-150% Load 500ms @ >150% Load			Battery Mode: 10min @ 102% 105% Load 1min @ 105% 125% Load 10s @ 125% 150% Load 500ms @ > 150% Load		
EFFICIENCY											
AC Mode	Peak efficiency 93%		Peak efficiency 94%		Peak efficiency 94%		Peak efficiency 95.5%				
	Full load efficiency 90%		Full load efficiency 91%		Full load efficiency 91%		Full load efficiency 95%				
BATTERY											
Numbers	7-9AH x 2(3)	2-3PCS	7-9AH x 4(6)	4-6PCS	7-9AH x 6(8)	6-8PCS	7-9AH x16(20)	16-20PCS	7-9AH x16(20)	16-20PCS	
Typical Recharge Time	Depending on user needs										
Charging Current	1.0A (default) 1-12A(Setting) External battery pack	1-12A	1.0A (default) 1-12A(Setting) External battery pack	1-12A	1.0A (default) 1-12A(Setting) External battery pack	1-12A	1.0A (default) 1-12A(Setting) External battery pack	1-12A	1.0A (default) 1-12A(Setting) External battery pack	1-12A(Setting)	
ENVIRONMENT											
Ambient temperature	0-40 C										
Humidity	20%-95% (No condensing)										
Storage temperature	-15-60 C (Battery: 0-40 %)										
Altitude	The altitude should not exceed 1000m, and the height above 1000m should bereduced to a maximum of 4000m.Refer to IEC62040										
INDICATORS											
LCD	Load level,Battery level,AC mode,Battery mode,Bypass mode,So on										
Certification											
Certification	EN/IEC 61000,EN/IEC 62040,GB/T7260,GB/T4943,YD/T 1095,TLC										
PHYSICAL											
Unit dimension(mm)	350x145x230		410x190x325		410x190x325		500x248x616	500x240x460	500x248x616	500x240x460	
Net weight(kg)	18.6	9.0	19	10	25	11	57	18	67.5	20	
MANAGEMENT											
Interface	RS232, Intelling slot selectable										

Product specifications are subject to change without notice.