

ARCHER-ARM SERIES

MODULAR design 1:1,3:1,3:3 Phase

6~1560KVA



مشخصات

- تکنولوژی آنلاین High frequency ,Double Conversion
- تکنولوژی پیشرفته اصلاح ضریب قدرت (PFC)
- مجهز به کلید قطع اضطراری (EPO)
- دامنه وسیع ولتاژ ورودی
- کنترل میکروپروسوری کاملاً دیجیتال
- امکان پارالل نمودن جهت افزونگی
- مجهز به سیستم مدیریت باتری (ABM)
- مجهز به سیستم حفاظت در برابر صاعقه و Surge و اضافه بار
- مجهز به صفحه نمایش LCD و LED چند زبانه
- مجهز به فیلتر EMI/RFI
- مجهز به اسلات کارت SNMP
- مجهز به پورت RS232 به همراه نرم افزار مانیتورینگ



UPS Cabinet Control Panel



Module Control Panel

single module(3U)



6kVA /10kVA 1:1 phase
6kVA /10kVA 3:1 phase



10kVA /15kVA / 20kVA / 25kVA
/ 30kVA 3:3 phase



40kVA 3:3 phase

Technical Specifications:

MODEL		ARM 1130X	ARM 1150X	ARM 3130X	ARM 3150X	ARM 31100X	ARM 3360Y	ARM 33100Y	ARM 33200Y
Capacity (VA/watts)	UPS Frame	6~30K / 4.8~24K	6~50K / 4.8~40K	6~30K / 4.8~24K	6~50K / 4.8~40K	6~100K / 4.8~80K	10~60K / 9~54K	10~100K / 9~90K	10~200K / 9~180K
	ARM module	6K/ 4.8K, 10K / 8K					10K / 9K, 15K / 13.5K, 20K / 18K		
INPUT									
Nominal voltage		220/230Vac		380/400Vac (3Ph+N+PE) or 220/230Vac			380/400/415Vac, (3Ph+N+PE)		
Operating voltage range		120~276Vac		208~478Vac or 120~276Vac			208~478Vac		
Operating frequency range		40~70Hz							
Power factor		≥0.99							
Bypass voltage range		Max.voltage: 220V +25%(optional +10%,+15%,+20%) / 230V +20% (optional +10%,+15%) / 240V+15%(optional +10%) Min. voltage: -45% (optional -20%,-30%) Frequency protection range: ±10%							
Harmonic distortion (THDi)		5%(100% non-linear load)					2%(100% non-linear load)		
Generator input		Support							
OUTPUT									
Output voltage		220/230Vac					380/400/415Vac, (3Ph+N+PE)		
Voltage regulation		±1%							
Power factor		0.8					0.9/1 (Customized)		
Output frequency		1.Line mode: ±1%、±2%、±4%、±5%、±10% of the rated frequency (optional) 2.Battery mode: (50/60±0.1%)Hz							
Crest factor		3:1							
Harmonic distortion (THDv)		≤2% with linear load ≤5% with non linear load							
Efficiency		93.5%					95.5%		
BATTERY									
Battery voltage		±96/±108/±120Vdc; Battery quantity(optional)					±192/±204/±216/±228/±240Vdc; Battery quantity(optional)		
Charging current	UPS Frame	30A (Max.)	60A (Max.)	30A (Max.)		60A (Max.)	18A (Max.)	30A (Max.)	60A (Max.)
	ARM module	6A (Max.) (Charge current can be set according to battery capacity installed)							
Backup time		Depends on the capacity of external batteries							
SYSTEM FEATURES									
Transfer time		Utility to battery : 0ms; Utility to bypass: 0ms							
Overload	Line mode	Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min,≥150% turn to bypass mode immediately							
	Bat. mode	Load≤110%: last 30s,≤125%: last 1s,≤150%: last 200ms,≥150% shut down UPS immediately					Load≤110%: last 10min,≤125%: last 1min, ≤150%: last 1s,≥150% shut down UPS immediately		
	Bypass mode	Breaker (6kVA:40A / 10kVA:60A)					Breaker (10kVA: 20A / 15kVA: 32A / 20kVA:40A)		
Short circuit		Hold whole system							
Noise suppression		Complies with EN62040-2							
Communication interface		1. UPS Frame: RS232, RS485, Dry contact, Intelligent slot x 2(SNMP card,Relay card optional) 2. ARM series UPS module: RS232							
ENVIRONMENT									
Operating temperature		0~40℃							
Storage temperature		-25~55℃							
Humidity range		0~95% (Non condensing)							
Altitude		<1500m							
Noise level		<55dB					<65dB		
PHYSICAL									
Dimension D×W×H (mm)	UPS Frame	840×600×1400	840×600×2000	840×600×1400		840×600×2000	840×600×1400		1100×600×2000
	ARM module	443x580x131 (3U)							
Net weight (Kg)	UPS Frame	138	150	138	150	213	149	152	290
	ARM module	6KVA/23; 10KVA/25					10KVA/26; 15KVA/30; 20KVA/31		
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							

Specifications are subject to change without prior notice.

Technical Specifications:

MODEL		ARM 33250Z	ARM 3390W	ARM 33150W	ARM 33300W	ARM 33200Q	ARM 33320Q	ARM 33400Q	ARM 33520Q	ARM 33800Q	ARM 331280Q	ARM 331560Q
Capacity (VA/watts)	UPS Frame	250K / 225K	90K / 81K	150K / 135K	300K / 270K	200K/180K	320K/288K	400K / 360K	520K / 468K	800K / 720K	1280K / 1152K	1560K / 1404K
	ARM module	25K / 22.5K	25K / 22.5K, 30K / 27K				40K / 36K					
INPUT												
Nominal voltage		380 / 400 / 415Vac, (3Ph+N+PE)										
Operating voltage range		208~478Vac										
Operating frequency range		40~70Hz										
Power factor		≥0.99										
Bypass voltage range		Max.voltage: 220V +25%(optional +10%,+15%,+20%) / 230V +20% (optional +10%,+15%) / 240V +15%(optional +10%) Min. voltage: -45% (optional -10%,-20%,-30%) Frequency protection range: ±10%										
Harmonic distortion (THDi)		3% (100% nonlinear load)										
Generator input		Support										
OUTPUT												
Output voltage		380/400/415Vac, (3Ph+N+PE)										
Voltage regulation		±1%										
Power factor		0.9										
Output frequency		1.Line mode: ±1%、±2%、±4%、±5%、±10% of the rated frequency (optional) 2.Battery mode: (50/60±0.1%)Hz										
Crest factor		3:1										
Harmonic distortion (THDv)		≤2% with linear load ≤5% with non linear load										
Efficiency		95%										
BATTERY												
Battery voltage		±192/±204/±216/±228/±240Vdc; Battery quantity(optional)										
Charging current	UPS Frame	60A (Max.)	30A(Max.)	50A(Max.)	100A(Max.)	50A(Max.)	80A(Max.)	100A(Max.)	130A (Max.)	200A (Max.)	320A (Max.)	390A (Max.)
	ARM module	6A (Max.)	25kVA:6A (Max.) / 30kVA:10A (Max.)				10A (Max.)					
Backup time		Depends on the capacity of external batteries										
SYSTEM FEATURES												
Transfer time		Utility to battery : 0ms; Utility to bypass: 0ms										
Overload	Line mode	Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min,≥150% turn to bypass mode immediately										
	Bat. mode	Loads≤110%: last 10min,≤125%: last 1min,≤150%: last 1s,≥150% shut down UPS immediately				Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min, ≥150% shut down UPS immediately						
	Bypass mode	Breaker (25KVA:40A)	Breaker (25KVA:40A / 30KVA:60A)				40KVA:95A					
Short circuit		Hold whole system										
Noise suppression		Complies with EN62040-2										
Communication interface		1. UPS Frame: RS232, RS485, Dry Contact, Intelligent slot x 2(SNMP card,Relay card optional) 2. ARM series UPS module: RS232										
ENVIRONMENT												
Operating temperature		0~40℃										
Storage temperature		-25~55℃										
Humidity range		0~95% (non condensing)										
Altitude		<1500m										
Noise level		<70dB				<65dB	<70dB	<73dB				
PHYSICAL												
Dimension	UPS Frame	600×1100×2000	600×840×1400		600×1100×2000	600×860×1600	600×860×2000	1200×860×2000		3400×860×2000		4800×1100×2000
D×W×H (mm)	ARM module	443x580x131 (3U)										
Net weight (Kg)	UPS Frame	290	158	170	307	251	320	540		1200	1400	2800
	ARM module	32	25KVA/32; 30KVA/33.5				34					
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										

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