

ARCHER-ARP SERIES

Parallel design 3:3 Phase

10~500KVA



Control Panel

مشخصات

- تکنولوژی کنترل DSP
- قابلیت پارالل کردن تا ۴ دستگاه
- رنج وسیع ولتاژ و فرکانس ورودی
- صفحه نمایش LCD با کاربری آسان
- چگالی توان بالا تا 500Kva به منظور صرفه جویی در فضا
- ضریب قدرت ورودی برابر یک و اعوجاج بسیار کم در ورودی
- ضریب قدرت خروجی برابر ۰/۸ یا ۰/۹ (به صورت انتخابی)
- دارای قابلیت ECO Mode جهت صرفه جویی در انرژی
- امکان استفاده از بانک باتری به صورت اشتراکی یا جداگانه
- قابلیت تنظیم ولتاژ باتری از $\pm 192\text{vdc}$ تا $\pm 240\text{vdc}$
- شارژ هوشمند با قابلیت تنظیم دقیق جریان شارژ
- شارژ داخلی بسیار قوی
- قابلیت تحمل اضافه بار زیاد
- دارای نرم افزار کنترل و مانیتورینگ قابل برنامه ریزی
- پشتیبانی از پروتکل Megatec/Mod Bus
- قابلیت نصب انواع کارت های ارتباطی

Technical Specifications:

MODEL	ARP 3310 S/H	ARP 3315 S/H	ARP 3320 S/H	ARP 3330S/H	ARP 3340	ARP 3360	ARP 3380
Capacity (VA/Watts)	10K / 8K	15K / 12K	20K / 16K	30K / 24K	40K / 32K	60K / 48K	80K / 64K
INPUT							
Nominal voltage	380/400/415Vac, (3Ph+N+PE)						
Operating voltage range	208~478Vac						
Operating frequency range	40~70Hz						
Power factor	≥0.99						
Harmonic distortion (THDi)	2%(100% nonlinear load)						
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%						
Generator access	Support						
OUTPUT							
Output voltage	380/400/415Vac, (3Ph+N+PE)						
Voltage tolerance	±1%						
Power factor	0.8/0.9(Customized)						
Output frequency	1.Line Mode: ±1%/±2%/±4%/±5%/±10% of the rated frequency(optional) 2.Battery mode: (50/60±0.2%)Hz						
Crest factor	3:1						
Harmonic distortion (THDv)	≤2% with linear load ≤5% with non linear load						
Efficiency	94.5%		95%				
BATTERY							
Battery voltage	Standard unit: ±216Vdc; Long run unit optional voltage: ±192 / ±204 / ±216 / ±228 / ±240Vdc						
Battery type	12V/38Ah (Standard unit)						
Charging current(A) (Charging current can be adjusted flexibly)	5.7A (Max./Standard unit) 6.0A (Max./Long run unit)			12A (Max.)		18A (Max.)	
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 10min,≤125%: last 1min,≤150%: last 5S,≥150% shut down UPS immediately					
Short circuit	Hold whole system						
Overheat	Line mode: Switch to bypass; Backup mode: Shut down UPS immediately						
Low battery voltage	Alarm and switch off						
Self-diagnostic	Upon power on and software control						
EPO (optional)	Shut down UPS immediately						
Battery	Advanced battery management						
Noise suppression	Complies with EN62040-2						
Audible & Visual	Line failure, Battery low, Overload, System fault						
Status LED & LCD display	Line mode, Bypass mode, Battery low, Battery bad, Overload & UPS fault						
Reading on the LCD display	Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage & Inner temperature						
Communication interface	RS232,RS485,Parallel,Intelligent slot,Relay card(optional),SNMP card(optional)						
ENVIRONMENT							
Operating temperature	0~40℃						
Storage temperature	-25~55℃						
Humidity range	0~95% (Non condensing)						
Altitude	< 1500m						
Noise level	<55dB						
PHYSICAL							
Dimension D×W×H (mm)	780×600×1200						
Net weight (kg)	S:598 H:129	S:600 H:131	S:602 H:133	S:603 H:134	170	172	199
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	ARP 33100	ARP 33120	ARP 33160	ARP 33200	ARP 33250	ARP 33300	ARP 33400	ARP 33500	
Capacity (VA/Watts)	100K / 80K	120K / 96K	160K / 128K	200K / 160K	250K / 200K	300K / 240K	400K / 320K	500K / 400K	
INPUT									
Nominal voltage	380/400/415Vac, (3Ph+N+PE)								
Operating voltage range	208~478Vac								
Operating frequency range	40~70Hz								
Power factor	≥0.99								
Harmonic distortion (THDi)	3%(100% nonlinear load)								
Bypass voltage range	Max.voltage: 220V +25%(optional +10%,+15%,+20%) 230V +20% (optional +10%,+15%) 240V+15%(optional +10%) Min. voltage: -45% (optional -12%,-20%,-30%) Frequency protection range: ±10%								
Generator access	Support								
OUTPUT									
Output voltage	380/400/415Vac, (3Ph+N+PE)								
Voltage tolerance	±1%								
Power factor	0.8 / 0.9(Customized)								
Output frequency	1.Line mode: ±1%/±2%/±4%/±5%/±10% of the rated frequency(optional) 2.Battery mode: (50/60±0.2%)Hz								
Crest factor	3:1								
Harmonic distortion (THDv)	≤2% with linear load ≤5% with non linear load								
Efficiency	95%								
BATTERY									
Battery voltage	Standard unit: ±216Vdc; Long run unit optional voltage: ±192 / ±204 / ±216 / ±228 / ±240Vdc								
Charging current(A) <small>(Charging current can be adjusted flexibly)</small>	30A(Max.)		40A(Max.)		50A(Max.)	70A(Max.)	80A(Max.)	100(Max.)	130A(Max.)
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 60min,≤125%: last 10min,≤150%: last 1min,≥150% shut down UPS immediately							
Short circuit	Hold whole system								
Overheat	Line mode: Switch to bypass; Backup mode: Shut down UPS immediately								
Low battery voltage	Alarm and switch off								
Self-diagnostic	Upon power on and software control								
EPO (optional)	Shut down UPS immediately								
Battery	Advanced battery management								
Noise suppression	Complies with EN62040-2								
Audible & Visual	Line failure, Battery low, Overload, System fault								
Status LED & LCD display	Line mode, Bypass mode, Battery low, Battery bad, Overload & UPS fault								
Reading on the LCD display	Input voltage, Input frequency, Output voltage, Output frequency, Load percentage, Battery voltage & Inner temperature								
Communication interface	USB,RS232,RS485,Parallel,Intelligent slot,Relay card(optional),SNMP card(optional)								
ENVIRONMENT									
Operating temperature	0~40℃								
Storage temperature	-25~55℃								
Humidity range	0~95% (Non condensing)								
Altitude	<1500m								
Noise level	<65dB				<70dB		<73dB		
PHYSICAL									
Dimension D×W×H (mm)	850×600×1600				850×600×2000		850×1200×2000		
Net weight (kg)	320	322	360	415	555	590	880	980	
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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