

Safenet Limited

Denford Garage, Denford, Kettering, Northants., NN14 4EQ, U.K.

Tel: +44 1832 732 174

e-mail: office@safenet.co.uk

Website: www.safenet.co.uk

EMC Compliance Certificate

This is to certify that

Aksa Power Generation (China) Co., Ltd.

No.19 Tongjiang North Road, Changzhou New District, Changzhou, China

Has had a range of Diesel Generator Sets examined with regards to the Electromagnetic Compatibility Directive 2014/30/EU.

With reference to model APD350C

Manufactured by:

Aksa Power Generation (China) Co., Ltd.

No.19 Tongjiang North Road, Changzhou New District, Changzhou, China

- 1. The technical construction file contains all the relevant information.
- 2. Having verified that the appropriate tests have been conducted, with regard to the APD350C representing the range.
 - 2.1. The example has been manufactured in accordance with the technical construction file and may be used under the intended conditions.
 - 2.2. The standards and transposed standards as the case may be, have been applied correctly.
 - 2.3. The example has conformity with the protection requirements of Electromagnetic Compatibility Directive 2014/30/EU.
 - 2.4. The technical file contains all the information required to include the models listed in the attached annex to this certificate.

Certificate Number:

8422080620

Date:

10/06/2020



EMC Directive 2014/30/EU



This Document remains the property of Safenet Ltd and will be returned to them if so requested Safenet will review the continued compliance of the machinery on a 5 yearly cycle to check for changes in the state of the art.



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EMC Compliance Certificate

Annex Certificate 842200620

The models described as below are included within the certification:

Model Number Framework: AAABBBBCDE-F

Where the following substitutions can be made:

- AAA is one of APD, DPG, AC, ACQ, AD, AJD, AGM
- BBBB is the Genset Power
- C is one of M=Single Phase, LT=Light Tower, T=Trailer.
- D is the manufacture of the engine: C=Cummins, CM=Cummins, A=AKSA, YT=Aksa, CF=Aksa, Y=Aksa, J=Aksa, M= Mitsubishi.
- P = Perkins, L= Lovol, FI = Foton, W = Weichai, JD = John Deere, D=Doosan, LP = Lister Petter, GM = General Motor.
- YR=Yanmar, K=Kubota, MTU=MTU, V=Volvo, DZ=Deutz, F=Fiat, I=Iveco
- E is one of 3 = 3000RPM, E = Emission
- F is the frequency 6=60Hz

The list series models are as follows:

Series Models	Power Range	Dimension Range (mm)	Weight Range (Kg)
APD X, where X is the rated power in KVA APD X, where X is the rated power in KVA followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
AC X, where X is the rated power in KVA AC X, where X is the rated power in KVA followed by - 6	5 ~ 2600kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
ACQ X, where X is the rated power in KVA ACQ X, where X is the rated power in KVA followed by - 6	5 ~ 2600kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
AD X, where X is the rated power in KVA AD X, where X is the rated power in KVA followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
AJD X, where X is the rated power in KVA	5 ~ 2500 kVA	Lg: 1300 ~ 12192	200 ~ 25500



EMC Directive 2014/30/EU





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	5 U		Y	
	D X, where X is the rated power in KVA		Wh: 500 ~ 3000	
	lowed by -6		Hi: 600 ~ 3590	
foll AP foll by	D X, where X is the rated power in KVA lowed by A or YT or Y or J D X, where X is the rated power in KVA lowed by A or YT or Y or J, and followed - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
foll AP foll foll	D X, where X is the rated power in KVA owed by C or CC or CM or CS D X, where X is the rated power in KVA owed by C or CC or CM or CS, and owed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
foll AP foll	D X, where X is the rated power in KVA owed by M D X, where X is the rated power in KVA owed by M, and followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
follo AP follo by	D X, where X is the rated power in KVA owed by P or PE or PS D X, where X is the rated power in KVA owed by P or PE or PS, and followed - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
folio AP folio folio	D X, where X is the rated power in KVA owed by V or L or DD or FI or C-E D X, where X is the rated power in KVA owed by V or L or DD or FI or C-E, and owed by -6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
follo API follo	D X, where X is the rated power in KVA bwed by E or EM D X, where X is the rated power in KVA bwed by E or EM, and followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
folio MM API folio	O X, where X is the rated power in KVA owed by MA or MC or M3 or MM or 3 or MP or ME or MPE O X, where X is the rated power in KVA owed by MA or MC or M3 or MM or 3 or MP or ME or MPE, and followed - 6	5 ~ 1000 kVA	Lg: 1300 ~ 6058 Wh: 500 ~ 2438 Hi: 600 ~ 2591	210 ~ 13200



EMC Directive 2014/30/EU Signed for Safenet Limited

Peter McNicol Technical Manager



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MI I				
	APD-EPA followed by P or F or M or J, and followed by X, where X is the rated power in KW	5 ~ 2000 kW	Lg: 1300 ~ 12192 Wh: 500 ~ 3000	210 ~ 25500
			Hi: 600 ~ 3590	
	APD-EPA followed by P or F or M or J, and followed by X, where X is the rated		Lg: 1300 ~ 6058	
	power in KW, and followed by S	5 ~ 1000 kW	Wh: 500 ~ 2438	210 ~ 13200
	ADD III CIII		Hi: 600 ~ 2591	
	APD-UL followed by P or F or M or J, and followed by X, where X is the rated power		Lg: 1300 ~ 12192	
	in KW	5 ~ 2000 kW	Wh: 500 ~ 3000	210 ~ 25500
	ADD III (II		Hi: 600 ~ 3590	
	APD-UL followed by P or F or M or J, and followed by X, where X is the rated power		Lg: 1300 ~ 6058	
	in KW, and followed by S	5 ~ 1000 kW	Wh: 500 ~ 2438	200 ~ 13200
-	ADD V		Hi: 600 ~ 2591	
	APD X, where X is the rated power in KVA followed by T, and followed by A or C or P or PE		Lg: 1300 ~ 6058	
	APD X, where X is the rated power in KVA	5 ~ 1500 kVA	Wh: 500 ~ 2438	200 ~ 16500
	followed by T, and followed by A or C or P or PE, and followed by - 6		Hi: 600 ~ 2591	
	APD - AT followed by X, where X is the rated power in KVA		Lg: 1300 ~ 6058	
	APD - AT followed by X, where X is the	5 ~ 1500 kVA	Wh: 500 ~ 2438	200 ~ 16500
	rated power in KVA, and followed by - 6		Hi: 600 ~ 2591	
	APDX, where X is the rated power in KVA followed by LT, and followed by A or C or P or PE APDX, where X is the rated power in KVA followed by LT, and followed by A or C or P or PE, and followed by - 6	5 ~ 500 kVA	Lg: 1300 ~ 4900 Wh: 500 ~ 2050 Hi: 600 ~ 22893	200 ~ 5200
	DPG X, where X is the rated power in KVA DPG X, where X is the rated power in KVA		Lg: 1300 ~ 12192	
	followed by - 6	5 ~ 2500 kVA	Wh: 500 ~ 3000	200 ~ 25500
-	•		Hi: 600 ~ 3590	
	DPG X, where X is the rated power in KVA followed by P or PE or C or CQ or A or M	5 ~ 2500 kVA	Lg: 1300 ~ 12192	200 ~ 25500
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Signed for Safenet Limited

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Peter McNicol Technical Manager





2014/30/EU

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EMC Compliance Certificate

M/c				
	or L or V or DD or J DPG X, where X is the rated power in KVA followed by P or PE or C or CQ or A or M		Wh: 500 ~ 3000 Hi: 600 ~ 3590	
-	or L or V or DD or J, and followed by -6			
	DPG X, where X is the rated power in KVA followed by MA or MM or MM3 DPG X, where X is the rated power in KVA followed by MA or MM or MM3, and followed by -6	5 ~ 1000 kVA	Lg: 1300 ~ 6058 Wh: 500 ~ 2438 Hi: 600 ~ 2591	210 ~ 13200
	AAP X, X is any digit from 5 to 10000 AAP X, X is any digit from 5 to 10000 followed by - 6	1 ~ 50 kW	Lg: 400 ~ 2500 Wh: 300 ~ 1100 Hi: 350 ~ 1850	20 ~ 1380
	AAP X, X is any digit from 5 to 10000 followed by E or DE or E3 or i or (EPA) or E(EPA) or DE(EPA) AAP X, X is any digit from 5 to 10000 followed by E or DE or E3 or i or (EPA) or E(EPA) or DE(EPA), and followed by - 6	1 ~ 50 kW	Lg: 400 ~ 2500 Wh: 300 ~ 1100 Hi: 350 ~ 1850	20 ~ 1380
1	AB X, X is any digit from 5 to 10000 followed by M or ME or TE AB X, X is any digit from 5 to 10000 followed by M or ME or TE, and followed by - 6	1 ~ 50 kW	Lg: 400 ~ 2500 Wh: 300 ~ 1100 Hi: 350 ~ 1850	20 ~ 1380

Note: The above gensets belong to the same series models, they have the same function, structure and safety characteristics.



EMC Directive 2014/30/EU Signed for Safenet Limited

Peter McNicol Technical Manager



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204 Roselawn House, National Technology Park, Limerick, V94 6R68, Ireland

Tel: +353 61 633 604

e-mail: office@safenetcs.ie

Website: www.safenetcs.je

EC Examination Certificate

This is to certify that

Aksa Power Generation (China) Co., Ltd.

No.19 Tongjiang North Road, Changzhou New District, Changzhou, China

Has had a range of Diesel Generator Sets examined to the Machinery Directive 2006/42/EC, as amended and the Low Voltage Directive 2014/35/FU

With reference to model APD350C

Manufactured by:

Aksa Power Generation (China) Co., Ltd.

No.19 Tongjiang North Road, Changzhou New District, Changzhou, China

- 1. The technical file contains all the relevant information.
- Having verified that the appropriate tests have been conducted.
 - 2.1. The standards and transposed standards have been applied correctly.
 - 2.2. The example representing series production of the item, complies with the essential health and safety requirements of the Directive 2006/42/EC, as amended.
 - 2.3. The technical file contains all the information required to include the models listed in the attached annex to this certificate.
 - Compliance with EN 60204-1:2018 gives compliance with the Low Voltage Directive 2014/35/EU.

Certificate Number:

1488080620

Date of Issue:

10/06/2020



Machinery Directive 2006/42/EC Signed for Safenet Certification Services



Peter McNicol Technical Manager



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Website: www.safenetcs.ie

EC Examination Certificate

Annex Certificate 1488080620

The models described as below are included within the certification:

Model Number Framework: AAABBBBCDE-F

Where the following substitutions can be made:

- AAA is one of APD, DPG, AC, ACQ, AD, AJD, AGM
- BBBB is the Genset Power
- C is one of M=Single Phase, LT=Light Tower, T=Trailer.
- D is the manufacture of the engine: C=Cummins, CM=Cummins, A=AKSA, YT=Aksa, CF=Aksa, Y=Aksa, J=Aksa, M= Mitsubishi.
- P = Perkins, L= Lovol, FI = Foton, W = Weichai, JD = John Deere, D=Doosan, LP = Lister Petter, GM = General Motor.
- YR=Yanmar, K=Kubota, MTU=MTU, V=Volvo, DZ=Deutz, F=Fiat, I=Iveco
- E is one of 3 = 3000RPM, E = Emission
- F is the frequency 6=60Hz

The list series models are as follows:

Series Models	Power Range	Dimension Range (mm)	Weight Range (Kg)
APD X, where X is the rated power in KVA APD X, where X is the rated power in KVA followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
AC X, where X is the rated power in KVA AC X, where X is the rated power in KVA followed by - 6	5 ~ 2600kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
ACQ X, where X is the rated power in KVA ACQ X, where X is the rated power in KVA followed by - 6	5 ~ 2600kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
AD X, where X is the rated power in KVA AD X, where X is the rated power in KVA followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
AJD X, where X is the rated power in KVA AJD X, where X is the rated power in KVA followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000	200 ~ 25500
Signed for Safenet Certification Services Ltd.			

Machinery Directive 2006/42/EC

Peter McNicol Technical Manager



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EC Examination Certificate

	1		
/		Hi: 600 ~ 3590	
APD X, where X is the rated power in KVA followed by A or YT or Y or J APD X, where X is the rated power in KVA followed by A or YT or Y or J, and followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	200 ~ 25500
APD X, where X is the rated power in KVA followed by C or CC or CM or CS APD X, where X is the rated power in KVA followed by C or CC or CM or CS, and followed by -6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
APD X, where X is the rated power in KVA followed by M APD X, where X is the rated power in KVA followed by M, and followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
APD X, where X is the rated power in KVA followed by P or PE or PS APD X, where X is the rated power in KVA followed by P or PE or PS, and followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
APD X, where X is the rated power in KVA followed by V or L or DD or FI or C-E APD X, where X is the rated power in KVA followed by V or L or DD or FI or C-E, and followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
APD X, where X is the rated power in KVA followed by E or EM APD X, where X is the rated power in KVA followed by E or EM, and followed by - 6	5 ~ 2500 kVA	Lg: 1300 ~ 12192 Wh: 500 ~ 3000 Hi: 600 ~ 3590	210 ~ 25500
APD X, where X is the rated power in KVA followed by MA or MC or M3 or MM or MM3 or MP or ME or MPE APD X, where X is the rated power in KVA followed by MA or MC or M3 or MM or MM3 or MP or ME or MPE, and followed by -6	5 ~ 1000 kVA	Lg: 1300 ~ 6058 Wh: 500 ~ 2438 Hi: 600 ~ 2591	210 ~ 13200
APD-EPA followed by P or F or M or J, and followed by X, where X is the rated power in KW	5 ~ 2000 kW	Lg: 1300 ~ 12192 Wh: 500 ~ 3000	210 ~ 25500



Machinery Directive 2006/42/EC

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/		Hi: 600 ~ 3590	
APD-EPA followed by P or F or M or J, and followed by X, where X is the rated		Lg: 1300 ~ 6058	
power in KW, and followed by S	5 ~ 1000 kW	Wh: 500 ~ 2438	210 ~ 13200
		Hi: 600 ~ 2591	
APD-UL followed by P or F or M or J, and		Lg: 1300 ~ 12192	
followed by X, where X is the rated power in KW	5 ~ 2000 kW	Wh: 500 ~ 3000	210 ~ 25500
		Hi: 600 ~ 3590	
APD-UL followed by P or F or M or J, and		Lg: 1300 ~ 6058	
followed by X, where X is the rated power in KW, and followed by S	5 ~ 1000 kW	Wh: 500 ~ 2438	200 ~ 13200
		Hi: 600 ~ 2591	
APD X, where X is the rated power in KVA			
followed by T, and followed by A or C or P or PE		Lg: 1300 ~ 6058	
APD X, where X is the rated power in KVA	5 ~ 1500 kVA	Wh: 500 ~ 2438	200 ~ 16500
followed by T, and followed by A or C or P		Hi: 600 ~ 2591	
or PE, and followed by - 6			
APD - AT followed by X, where X is the rated power in KVA		Lg: 1300 ~ 6058	
APD - AT followed by X, where X is the	5 ~ 1500 kVA	Wh: 500 ~ 2438	200 ~ 16500
rated power in KVA, and followed by - 6		Hi: 600 ~ 2591	School Agentini
APDX, where X is the rated power in KVA			
followed by LT, and followed by A or C or		Lg: 1300 ~ 4900	
P or PE APDX, where X is the rated power in KVA	5 ~ 500 kVA	Wh: 500 ~ 2050	200 ~ 5200
followed by LT, and followed by A or C or		Hi: 600 ~ 22893	200 0200
P or PE, and followed by - 6			
DPG X, where X is the rated power in KVA		Lg: 1300 ~ 12192	
DPG X, where X is the rated power in KVA followed by - 6	5 ~ 2500 kVA	Wh: 500 ~ 3000	200 ~ 25500
Tollowed by - 8		Hi: 600 ~ 3590	
DPG X, where X is the rated power in KVA			
followed by P or PE or C or CQ or A or M or L or V or DD or J		Lg: 1300 ~ 12192	
DPG X, where X is the rated power in KVA	5 ~ 2500 kVA	Wh: 500 ~ 3000	200 ~ 25500
followed by P or PE or C or CQ or A or M		Hi: 600 ~ 3590	
or L or V or DD or J, and followed by - 6			



Directive 2006/42/EC

Peter McNicol **Technical Manager**





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DPG X, where X is the rated power in KVA followed by MA or MM or MM3 DPG X, where X is the rated power in KVA followed by MA or MM or MM3, and followed by -6	5 ~ 1000 kVA	Lg: 1300 ~ 6058 Wh: 500 ~ 2438 Hi: 600 ~ 2591	210 ~ 13200
AAP X, X is any digit from 5 to 10000 AAP X, X is any digit from 5 to 10000 followed by - 6	1 ~ 50 kW	Lg: 400 ~ 2500 Wh: 300 ~ 1100 Hi: 350 ~ 1850	20 ~ 1380
AAP X, X is any digit from 5 to 10000 followed by E or DE or E3 or i or (EPA) or E(EPA) or DE(EPA) AAP X, X is any digit from 5 to 10000 followed by E or DE or E3 or i or (EPA) or E(EPA) or DE(EPA), and followed by -6	1 ~ 50 kW	Lg: 400 ~ 2500 Wh: 300 ~ 1100 Hi: 350 ~ 1850	20 ~ 1380
AB X, X is any digit from 5 to 10000 followed by M or ME or TE AB X, X is any digit from 5 to 10000 followed by M or ME or TE, and followed by - 6	1 ~ 50 kW	Lg: 400 ~ 2500 Wh: 300 ~ 1100 Hi: 350 ~ 1850	20 ~ 1380

Note: The above gensets belong to the same series models, they have the same function, structure and safety characteristics.



Machinery Directive 2006/42/EC

Peter McNicol Technical Manager



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