Standby 250 kVA

ŐΎғqɑɕɓgq јqɓqdƎɘɔdɓgq ɘdɘƎɓɔɟɐΎ

APD 250 A

ŐɟΎјƎɘqɑɕ Aksa
ȦɑɕɘqdɓƎɘɔd Aksa
ʝΎdɘqɒƎ P 602
ɘɕdƎɟɑqɓΎγ

AKSA POWER DIESEL

ISO8528	ŐƎɓɓƎγ јqɓqdƎɘɔdɓƎγ јdɘɕɕƎ ɗɕdɔqɐɘΎdɔɟƎɓƎ ɓƎ ɘdɔɟɓq ɓɔdɒ ʞSO 8529
SZUTEST	ŐƎɓɓƎγ јqɓqdƎɘɔdɓƎγ јdɘɕɕƎ ɗɕdɔqɐɘΎdɔɟƎɓƎ Ύ dɔғQƎɓƎ dɔјɑƎdɓɔ ɘdqɕ́ɔɟƎɓΎɏ ʞSO 9001
CE	ŐƎɓɓƎγ јqɓqdƎɘɔdɓƎγ јdɘɕɕƎ dɔɔɘɟqɘdɘɟɘqɘ dqdɘΎǝΎɐƎɘƎɒ ʝ ő
2000/14/EC	ϪɘɒɔΎғɔɑɣɜΎɔɓɓgq dɟɔɣdɘɟƎ ғƎ ʝ Ύɘɓɔɏ јdɘɕɕg ɘqdɘΎdɘɤɘdɣ dɔјɑƎdɓɔ őɟdɔɕqɣdɘΎɒ ɓɔdɒƎɒ ɕɔ ɞɘɒɘ 2000/14/ő ʝ

ȺƎғƎ 3 ʆ ɜqɓɐΎ, 50 ęɜ, 0,8 PF

	ȶqғqdɟɓƎγ ɒɔ ʝ ɓɔdɘɕ		ʆ dɓɔɟɓƎγ ɒɔ ʝ ɓɔdɘɕ		
ӱƎɕdɣRqɓΎq	ɐĘȦ.	ɐĘɘ.	ɐĘȦ.	ɐĘɘ.	Amp
400/230	250,00	200,00	230,00	184,00	332,00

ȶqғqdɟɓƎγ ɒɔ ʝ ɓɔdɘɕ: Ę dqғqdɟɓɔɒ dqRΎɒq (ESP) dƎ́ɔɘg ɟ dɔɔɘɟqɘdɘɟΎΎ d ISO 8528 ɕqdqјdɘғɐƎ ɓqQɔɕɐdɘΎɒƎ.

ʆ dɓɔɟɓƎγ ɒɔ ʝ ɓɔdɘɕ : Ύɔ ʝ ɓɔdɘɕ ɟ ɔdɓɔɟɓɔɒ dqRΎɒq (PRP): dƎ́ɔɘƎ ɟ QɑΎɘqɕɓɔɒ dqRΎɒq ɕdΎ ɕqdqɒqɓɓɔɏ ɓƎјdɘғɐq, 24 ɘƎdƎ ɟ dɘɕɐΎ ɟ dɔɔɘɟqɘdɘɟΎΎ d ISO 8528, QɔɕɐdɘΎɒƎ ɕqdqјdɘғɐƎ ɟ 10% ɟ ɘqɘqɓΎq 1 ɘ ғƎ 12 ɘ ɟ dɔɔɘɟqɘdɘɟΎΎ d ISO 3046.

Standard Specifications

ŐΎғqɑɕɓgɏ QɟΎјƎɘqɑ d ɟɔQɣɓgɒ ɔɕɑƎRQqɓΎqɒ, Qɑɣ Ύdɕɔɑɕғɔɟ́ƎɓΎγ ɟ ɘɣRqɑɕ ɘdɑɔɟΎɣɕ
dƎQΎƎɘɔd d ɒqɕƎɓΎɘqdΎɒ ɟqɓɘΎɑɣɘɔdɔɒ
őƎ ʝ ΎɘɓƎγ dqɕqɘɐƎ ɟqɓɘΎɑɣɘɔdƎ Ύ ɟdƎ ʝ Ǝɤ ʝ Ύɘdɣ Qqɘ́Ǝɑqɏ
ɃqɑɘɘdΎɘqdΎɏ dɘƎdɘqd Ύ ғƎdɣQɓq ɘdɘdɔɏdɘɟɔ ƎɑɘɘqdɓƎɘɔdƎ
ɲɘdɘɔɟɔɏ Ǝɐɐɘɒɘɑɣɘɔdɏ (dɟΎɓɜɔɟɔ-ɐΎdɑɔɘɓgɏ) d ɐƎ́ƎqɑɣɒΎ
ŐɔRɐɕ QɟΎјƎɘqɑɣ
ϪɑƎɓј ɘɔɕɑΎɟɓɔɏ dΎdɘqɒg
ŐɟɔɣɓɔɏɕɔQɕΎɕɓΎɐ јqɓqdƎɘɔd, ɐƎdd H
ϪɘɒɔјɑɘɕΎɘqɑɕ Ύ јΎ́ɐΎɏ dɘƎɑɕɓɔɏ ɐɒɒɕqɓdƎɘɔd ɕɔdɘƎɟɑɣɤɘdɣ ɔɘQqɑɕɓɔ
ғƎdɣQɓq ɘdɘdɔɏdɘɟɔ
ȶɐɐɘɟɔQdɘɟɔ ɐ ΎdɕɔɑɕғɔɟƎɓΎɤ Ύ ɘdɘƎɓɔɟɐq
ʝ ɘƎɑɕɓƎγ ɔɕɘdɓƎγ dƎɒƎ Ύ ΎғɔɑɣɘɔdƎ
ȸɔɕɑΎɟɓgɏ ɕ́Ǝɐ

Ęg ɕ́ɔd QɔɕɔɑɓΎɘqɑɑɕɓgɕ ɔɕɜΎɏ

ŐĘŐęȦȸőő ?

- ȺΎɑɕɘd ɔɘQqqɑɓΎγ ɟɔQɓɔɏ ǝdƎɐɜΎΎ ɔɘ ɘɔɕɑΎɟƎ
- ɲɔQɔјdqɟ ɒƎdƎ

ALTERNATOR

- ɲdɔɘΎɟɔɘɔɓQqɓdƎɓgɏ ɔ́ɔјdqɟƎqɑɕ
- ĘgɕɔQɓɔɏ ƎɟɘɒɒƎɘ ғƎ ʝ Ύɘg

ʝ Ȯ ʝ ȸőΎȦ ɸɲȶȦĘőőӱȮȺ

- ʆ ɕ́ɣғƎɓɓɔdɘΎ ƎɒɕqdɒqɘQ

ɲdɔɘΎq ƎɕdqdddƎdg

- ȦɟɘɒɒƎɘΎɘqdƎγ dΎdɘqɒƎ ɔɕQƎɘɘΎ ɘɔɕɑΎɟƎ
- ɲɔɒɕƎ dɘɘɓɔјɔ dɑΎɟƎ ɒƎdƎ
- ŐƎɘɘΎɐΎ ɘdɔɟɓɣ ɘɔɕɑΎɟƎ
- ŐɔRɐɕ: őƎ ʝ ΎɘƎ ɔɘ Ǝɘɒɔdǝqɓgɕ ɔdƎQɘɔɟ Ύ ɕɘɒɔјƎ ɕqɓΎq
- ɲdΎɘqɕ
- ȸqɕ. Őɔɒɕɑqɕɘɐɔɘqɕ.ɐɕɔQɘ)
- ŐɔɓɘdɔɑɕɘɔɐƎ ғƎdɣQɘΎ

TRANSFER SWITCH

- ȸdΎ ɕɔɑɤdƎ ɐɔɓɘƎɘɔdƎ
- Ƚqɘgdqɕɔɑɤdɓgɏ ɐɔɓɘƎɘɔd

ƇƑdƑəəqdҮdəҮƑ QҮгqɑɑбgɛ QJҮjƑəqɑɑɣ

Manufacturer		Aksa
Model		A6CRX98TI
ӲƑƏdҮɒƑɑɑбƑч QɔɛɔɑbƳəqɑɑбƑч ɒɔ ɟ bɔdəɑ		1500 ɔɸ./ɒҮб. 220,00 ɐƑə. [295,00HP]
ŋɔɑɔRqbҮq ɜҮɑҮbQdɔJ	L	9,720
ÖҮƑɒqəd Ƴ ɛɔQ ɑɔdɑɓbч	ɒɒ.	126 x 130
ɹ əqɛqbɑ dRƑəҮч		16,5:1
ӯɔɒҮbƑɑɑбgq ɔɸɔdɔəg(ɔɸ/ɒҮб)	ɔɸ./ɒҮб.	1500
ӧɒɒɔdəɑ ɒƑdɑƑ(ӧ.)	L	24,00
Ɩ ɸgqɒ ɔɛɑƑRQƑɤ ɟ qɣ RҮQɐɔdəƳ	L	54,00
AbsorbedAirDischargeReSourceKey.Text	ɒ3/ɒҮб.	14,60
ŋdɔɛədɑbƑч dɑɔdɔɸbɔdəɑ JɔɾQəɓbɔjɔ dƑQƳƑəɔdƑ (ɒ3/ɒҮб.)	ɒ3/ɒҮб.	265,00
ŋdɔɛədɑbƑч dɑɔdɔɸbɔdəɑ Jgɛɑɔɑбɔɣ ədəɸg	ɒ3/ɒҮб.	40,00
ɃɑqɐədƳɜqdɐƑч dƳdəqɒƑ		24 V d.c.
ɬƑdɛɔQ əɔɑƳJƑ	Load ӧ/ɜƑd.	ɛdƳ 100% ɾƑjdəɾɒɑ 51,90

ȸƳɓ ƑɑɓəqdbƑəɔdƑ

ŋdɔƳɾJɔQƳəqɑɑ		Aksa
ӮɔQqɑɑ		AK4184
ŁƑdəɔəƑ	Hz	50
Ӯɔɟbɔdəɑ	ɐĘȦ.	230,00
Cos Ⱥ		0,80
ÖɔɑƳɜqdəJɔ əɜƑɾ		3
ӯƑɛdцRqbҮq ƑɑɓəqdbƑəɔdƑ (Ę)	Ę	400/230
ȸɔɐ	A	331,00

ɬƑɾɒqdg Ƴ Jqd

ɔəɐdgəƑч jdəɛɛƑ	Ęqd	ÖɑƳbƑ (ɒɒ.)	ȾƳdƳbƑ	JgdɔəƑ (ɒɒ.)	ӧɒɒɔdəɑ əɔɑƳJƑɔjɔ ɸƑɐƑ
	ɐj.	ɒɒ.	ɒɒ.	ɒɒ.	L
APD 250 A	2645,00	2900,00	1400,00	2050,00	525,00
ędəɛɑg d ɐɔRəɛɔɒ	Ęqd	ÖɑƳbƑ (ɒɒ.)	ȾƳdƳbƑ	JgdɔəƑ (ɒɒ.)	ӧɒɒɔdəɑ əɔɑƳJƑɔjɔ ɸƑɐƑ
	ɐj.	ɒɒ.	ɒɒ.	ɒɒ.	L
APD 250 A	3380.00	3900	1460	2170	525

P 602 - ɟ ƔɗəqɒƑ əɑɗƑJɑɑƃƳɥ

1 ƀMain status display.
2 ƀDisplay scroll button.
3 ƀPage(information) button.
4 ƀCommon alarm indicator.
5 ƀStatus LED's.
6 ƀOperation selecting buttons.

ɳɗƳɸɔɗg

ƀDSE, model 6020 Auto Mains Failure control module.
ƀBattery charger input 198-264 volt , output 27,6 V 5 A (24 V) or 13,8 Volt 5A (12V)
ƀEmergency stop push button and fuses for control circuits.

ȮɔƃɗəɗəɐɜƳɥ Ɣ ɛɔɐɗƑɗɐƑ

ƀComponents installed in sheet steel enclosure. Phosphate chemical, pre-coating of steel provides corrosion resistant surface. Polyester composite powder topcoat forms high gloss and extremely durable finish. Lockable and hinged panel door provides easy access to components.

ȲɔƃəƑR

ƀ Control panel is mounted on baseframe with steel stand. Located at the right side of the generator set (When you look at the Gen.Set. from Alternator)

ȧɑɔɐ əɑɗƑJɑɑƃƳɥ ɟqƃɑdƑəɔdɔɒ

ƀThe DSE 6020 is a standard control module for our generator sets up to 200kVA and ɨt have been designed to start and stop diesel and gas generator sets. The DSE 6020 module has been designed to monitor generator frequency, volt, current, engine oil pressure, coolant temperature running hours and battery volts. Module monitors the mains supply and switch over to the generator when the mains power fails. The DSE6020 also indicates operational status and fault conditions, Automatically shutting down the Gen. Set and giving true first up fault condition of Gen. Set failure.The LCD display indicates the fault.

ɟ əƑƃQƑdəƃgq dɛq3Ɣə·ƳɐƑ3ƳƳ

ƀMicroprocessor controlled.
ƀLCD display makes information easy to read.
ƀ4-line, 64 x 132 pixel display.
ƀAutomatically transfers between mains (utilty) and generator power.
ƀManual programming on front panel.
ƀUser-friendly set-up and button layout.
ƀFront panel programming.
ƀRemote start.
ƀEvent logging (10)showing date and time.
ƀControls: Stop/Reset, Manual, Auto, Test, Start, buttons. An additional push button next to the LCD display is used to scroll through the modules' metering displays.

APD 250 A

ŌɈɎɉɆɘqɑɞ Aksa
ȦɑɞɘqɗƃɆɘɔɗ Aksa
ɉ Ɏɗɘqɒ Ɇ P 602
ɘɛɗɆɈɑqƃɎɥ

AKSA POWER DIESEL

Ȯɟ ɒqɗɎɘqɑɞƃgq ɛqɎɇɔɗg

ENGINE
ƀEngine speed.
ƀOil pressure.
ƀCoolant temperature.
ƀRun time.
ƀBattery volts.
ƀConfigurable timing.
GENERATOR
ƀVoltage (L-L, L-N).
ƀCurrent (L1-L2-L3).
ƀFrequency.
MAINS
ƀVoltage (L-L, L-N).
ƀFrequency.
ƀMains ready.
ƀMains enabled.
ƀGen. Set ready.
ƀGen. Set enabled.

ɉ ɛqɒɆ ɟɆ ɉ Ɏɘg

WARNING
ƀCharge failure.
ƀBattery Low/High voltage.
ƀFail to stop.
ƀLow /High generator voltage.
ƀUnder/over generator frequency.
ƀOver /Under speed.
ƀLow oil pressure.
ƀHigh coolant temperature.
SHUT DOWNS
ƀFail to start.
ƀEmergency stop.
ƀLow oil pressure.
ƀHigh coolant temperature.
ƀOver /Under speed.
ƀUnder/over generator frequency.
ƀUnder/over generator voltage.
ƀOil pressure sensor open.
ƀCoolant temperature sensor open.
ELECTRICAL TRIP
ƀGenerator over current.

ɉ ɛɜɎɔƃƃgq ɔɗɔɇqƃƃɔɗɐɎ

ƀFlexible sensor can be controlled with temperature, pressure, percentage (warning/shutdown/electrical trip)
ƀLocal setting parameters and monitoring from PC to control module with USB connection (max 6 mt).

ɉ ɘɆƃQɆɗɘg

ƀElecrical Safety / EMC compatibility BS EN 60950 Electrical business equipment.
ƀBS EN 61000-6-2 EMC immunity standard.
ƀBS EN 61000-6-4 EMC emission standard.

ŋɗɎɇɔɗ Qɑɥ ɟɆɗɥQɐɎ ɆɐɐɘɒɘɑɥɘɔɗɆ

ƀ Battery charger is manufactured with switching-mode and SMD technology and ɨt has high efficinecy. Battery charger models' output V-I characteristic is very close to square and output is 5 amper, 13,8 V for 12 volt and 27,6 V for 24 V . Input 198 - 264 volt AC. Proline 2405 has fully output shot circuit protection and ɨt can be used as a current source. Proline 1205/2405 charger has high efficiency, long life, low failure rate, light weight and low heat radiated in accordance with linear alternatives. The charger is fitted with a protection diode across the output. Connect charge fail relay coil between positive output and CF output. They are equipped with RFI filter to reduce electrical noise radiated from the device. Galvanically isolated input and output typically 4kV for high reliability.

Standby 250 kVA

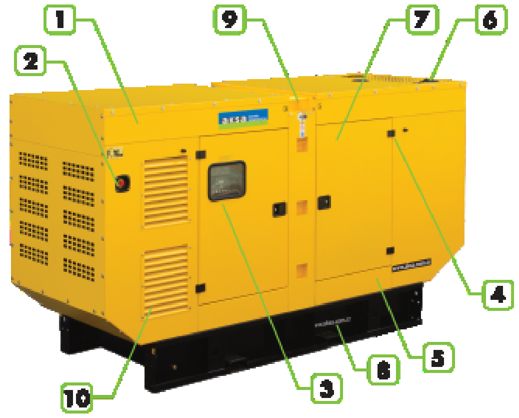
ŐƳғqɑɞƃgq ʝqƃqdɆɘɔdƃgq ɘdɘɆƃɔɈɐƳ

APD 250 A

ŐɈƳʝɆɘqɑɢ Aksa
ȦɑɢɘqdƃɆɘɔd Aksa
ɿ ƳdɘqɒɆ P 602
ɘɛdɆɈɑqƃƳɥ

AKSA POWER DIESEL

APD 250 A - ɐɔRɘɛ



1 Steel structures.

2 Emergency stop push button.

3 Control panel is mounted on the baseframe . Located at the right side of the generator set (When you look at the Gen.Set. from Alternator)

4 Oil could be drained via valve and a hose

5 Exhaust system in the canopy.

6 special large access doors (marine type) for easy maintanance

7 Base frame -fuel tank.

8 Lifting points similar to ISO container , located on each top corner of the canopy

9 Sound proofing materials.

ɭ ɘɔɈɆdq

"Ⱦɘɒɔʏғɔɑʏdɘɤ ɿ Ƴq Ƴ ғɆ ɿ Ƴ ɿ Ɇɤ ɿ Ƴq ɔɘ Ɇɘɒɔdɘqdƃgɛ ɈɔғQqɏdɘɈƳɏ ɢɔɐdgɘƳɥ ʝqƃqdɆɘɔdƃgɛ ɘdɘɆƃɔɈɔɛ ɐɔɒɕɆƃƳƳ ȦŐɿ Ȧ ɘQɔɈɑqɘɈɔdqɣɤɘ ғɈɐɐɔɈgɒ ɘdqɇɔɈɆƃƳɥɒ Ƴ ɔɇqdɛqɜƳɈɆɤɘ ɔɕɘƳɒɆɑɢɐɤ ғɆ ɿ Ƴɘɘ ɔɘ Ɇɘɒɔdɘqdƃgɛ ɈɔғQqɏdɘɈƳɏ. ɿ ɛqɜƳɆɑɢɔ dɆғdɆɇɔɘɆƃƃgq ɐɔRɘɛƳ (8 - 275 ɐȨȦ) ƳQqɆɑɢɔ ɛɔQɛɔQɥɘ Qɑɥ ɔɐɘdgɘɔɏ ʝqƃqdɆɘɔdƃɔɏ ɘdɘɆƃɔɈɐƳ Qɑɥ ɔɇqdɛqɜqƃƳɥ ɑqʝɐɔʝɔ Qɔdɘɘɛ ɛdƳ dqdɈƳdƃɔɒ Ƴ ʝɆdɆƃɘƳɏƃɔɒ ɔɇdɑɘRƳɈɆƃƳƳ, ɈғɆƳɒɔғɆɒqƃɥqɒgq ɐɔɒɕɔƃqƃɘg ɕɔғɈɔɑɣɘ ɈgɕɔɑƃƳɘɕ dqɒɔƃɘ ƃɆ ɒqdɘq.ɳɔɐdgɘƳq dɛdɔqɐɘƳdɔɈɆƃɔ ɘɆɐƳɒ ɔɇdɆғɔɒ, ɜɘɔɇg ɔɕɘƳɒƳғƳdɔɈɆɕ ɣɘɘqɐɘƳɈƃɔdɘɕ ɔɛɑɆRQqƃƳɥ ʝqƃqdɆɘɔdƃɔɏ ɘdɘɆƃɔɈɐƳ."

ɿ ɘɆƃQɆdɘƃgq dɛqɜƳɘƳɐɆɜƳƳ

ӯqɇɔɑɕɘɔɏ dɆғɒqd ɐɔdɕɘdɆ, ƃƳғɐɔɛdɔɘƳɑɢgɏ QƳғɆɏƃ
Őɔdɕɘd, ʝqƃqdɆɘɔdƃɆɥ ɘdɘɆƃɔɈɐɆ, Ɉgɛɑɔɕƃɥ dƳdɘqɒɆ ɛdqQɈɆdƳɘqɑɢɔ dɔɇdɆƃg, Ɉɐɑɤɜqƃg Ɉ ɐɔɒɕɑqɐɘ ɕɔdɘɆɈɐƳ
Őɔdɕɘd Ƴғʝɔɔɘɑqƃ Ƴғ dɘɆɑƳ, dɘɆɑɢ ɔɇdɆɇɔɘɆƃɆ ɕɔdɔɕɐɔɈgɒ ɒɆɘqdƳɆɑɒ
ɕɑɆɒqdɘɘɆƃɆɈɑƳɈɆɤ ɿ Ɇɥ ɕqƃɆ
ȍqʝɐƳɏ QɔdɘɘɕɐɔɈdqɒ ɕɘƃɐɘɆɒ ɔɇdɑɘRƳɈɆƃƳɥ
Ȩgɛɑɔɕƃɥ dƳdɘqɒɆ Ɉ ɐɔRɘɛq
ȧɔɑɕɕƳq QɈqdƳ ƃɆ ɐɆRQɔɏ dɘɔdɔƃq
ɭ ɐƃɔ ɐɔƃɘdɔɑɢƃɔɏ ɕɆƃqɑƳ Ɉ ғɆɐdgɈɆɤ ɿ qɏdɥ QɈqdƳ
Őƃɔɐɐɑ ɆɈɆdƳɏƃɔɏ ɔɘɘɆƃɔɈɐƳ ƃɆɛɔQƳɘɑɥ d Ɉƃqɕƃɐƃɏ dɘɔdɔƃg ɐɔdɕɘdɆ
ȦɑɢɘqdƃɆɘɔd ɈqƃɘƳɑɥɘɔdɆ Ƴ Ɇɐɐɘɒɒɑɥɘɔdƴ ғɆɛdgɈɆ Qɑɥ QɔdɘɘɕɆ
Őɔdɘɘɕ ɐ Ɇɐɐɘɒɒɑɥɘɔdɘ Ƴ ɐ ɘɔɕɑƳɈɔɒɘ ɇɆɐɐ ɘɔɑɢɐɔ ɜqdqғ ғɆɛdgɈɆɤ ɿ ɘɤdɥ QɈqdɕ
ȹɔɜɐƳ ɕɔQɈqɒɆ ƃɆ ɔɕɘdɔƃɔɏ dɆɒq
ŐɆƃƃgq ɔɕɜƳƳ ɔɘɈqɜɆɤɘ ȨɆɕƳɒ ɘdqɇɔɈɆƃƳɥɒ

Ⱦ ƳdƳƃɆ	ɒɒ.	1460
ŐɑƳƃɆ (ɒɒ.)	ɒɒ.	3900
ɈgdɔɘɆ (ɒɒ.)	ɒɒ.	2170
ȍɒɐɔdɘɕ ɘɔɕɑƳɈƃɔʝɔ ɇɆɐɆ	L	525

ɳɑɔƳғɈɔQƳɘqɑɢ ɔɘɘɆɈɑɥɘɘ ғɆ ɔɇɔɏ ɕɑɆɈɔ ɈƃɔdƳɘɕ ƳғɒqƃqƃƳɥ Ɉ ɒɔQqɑɕ, ɘqƃƳɜqdɐƳq QɆƃƃgq, Ɉ ɐɔɒɕɑqɐɘɆɤƳɤ, Ɉ ɜɈqɘ ɔɐɆdɐƳ ɇɔɘɕɘQɔɈɆƃƳɥ ɇqғ ɕdqQɕɘqQRQqƃƳɥ.