Standby 40 kVA

ŎYꝛqɑɞƃgq ʝqƃqdȾɘɔdƃgq ǝdɘȾƃɔɈɐY

APD 40 A

ŎɈYʝȾɘqɑɢ Aksa
ȦɑɢɘqdƃȾɘɔd Aksa
ɉYdɘqɒȾ P 602
ǝɐdȾɈɑqƃYɥ

AKSA POWER DIESEL

ISO8528	ŎȾƃƃȾɥ ʝqƃqdȾɘɔdƃȾɥ ʝdɘɐɐȾ dɐdɔqɐɘYdɔɈȾƃȾ ƃȾ ǝdɔɈƃq ƃɔdɒ ⁽ISO 8529
SZUTEST	ŎȾƃƃȾɥ ʝqƃqdȾɘɔdƃȾɥ ʝdɘɐɐȾ dɐdɔqɐɘYdɔɈȾƃȾ Y dɔꝛQȾƃȾ dɔʝɑȾdƃɔ ɘdqȼɔɈȾƃYɏ ⁽ISO 9001
CE	ŎȾƃƃȾɥ ʝqƃqdȾɘɔdƃȾɥ ʝdɘɐɐȾ dɔɔɘɈqɘdɘɈɘqɐ dqdɘYꝺYɐȾɘȾɒ ɉŏ
2000/14/EC	ȾɘɒɔYꝛɔɑɥɜYɔƃƃgq dɈɔɏdɘɈȾ ꝛȾ ɉYɘƃɔɏ ʝdɘɐɐg ɘqdɘYdɘɤɘdɥ dɔʝɑȾdƃɔ ŏɈdɔɐqɏdɘYɒ ƃɔdɒȾɒ ɕɔ ɞɘɒɘ 2000/14/ŏɉ

ȺȾꝛȾ 3 ɉ ɜqƃɐY, 50 ęɜ, 0,8 PF

	ŧqꝛqdɈƃȾɥ ɒɔ ɉ ƃɔdɘɢ		ɉ dƃɔɈƃȾɥ ɒɔ ɉ ƃɔdɘɢ		
ӯȾɐdɥRqƃYq	ɐĘȦ.	ɐĘɘ.	ɐĘȦ.	ɐĘɘ.	Amp
400/230	40,00	32,00	36,00	28,80	52,00

ŧqꝛqdɈƃȾɥ ɒɔ ɉ ƃɔdɘɢ: Ę dqꝛqdɈƃɔɒ dqRYɒq (ESP) dȾȼɔɘg Ɉ dɔɔɘɈqɘdɘɈYY d ISO 8528 ɕqdqʝdɘꝛɐȾ ƃqQɔɕɐdɘYɒȾ.

ɉ dƃɔɈƃȾɥ ɒɔ ɉ ƃɔdɘɢ : Ÿɔ ɉ ƃɔdɘɢ Ɉ ɔdƃɔɈƃɔɒ dqRYɒq (PRP): dȾȼɔɘȾ Ɉ QɑYɘqɢƃɔɒ dqRYɒq ɕdY ɕqdqɒqƃƃɔɏ ƃȾʝdɘꝛɐq, 24 ɜȾdȾ Ɉ dɐɐɐY Ɉ dɔɔɘɈqɘdɘɈYY d ISO 8528, QɔɐɐdɘYɒȾ ɕqdqʝdɘꝛɐȾ Ɉ 10% Ɉ ɘqɜqƃYq 1 ɜ ꝛȾ 12 ɜ Ɉ dɔɔɘɈqɘdɘɈYY d ISO 3046.

Standard Specifications

ŎYꝛqɑɢƃgɏ QɈYʝȾɘqɑɢ d ɈɔQɥƃgɒ ɔɐɑȾRQqƃYqɒ, Qɑɥ YdɐɔɑɢꝛɔɈȾƃYɥ Ɉ ɘɥRqɑgɕ ǝdɑɔɈYɥɕ
dȾQYȾɘɔd d ɒqɐȾƃYɜqdɐYɒ ɈqƃɘYɑɥɘɔdɔɒ
ŏȾ ɉ YɘƃȾɥ dqɢqɐȾ ɈqƃɘYɑɥɘɔdȾ Y ɈdȾ ꝛȾɤ ɉ YɘdɥQqɘȾɑɏ
ɃɑqɘɐdYɜqdɐYɏ dɐȾdɘqd Y ꝛȾdɥQƃq ǝdɐdɔɏdɘɈɔ ȾɑɢɘqdƃȾɘɔdȾ
ɲǝdɐɔɈɔɏ Ⱦɐɐɒɐɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔdɑɥɘɔd (dɈYƃɜɔɈɔ-ɐYdɑɔɘƃgɏ) d ɐȾȼqɑɥɒY
ŎɔRɐɐ QɈYʝȾɘqɑɥ
ȾɑȾƃʝ ɘɔɐɑYɈƃɔɏ dYdɘqɒg
ŎɈɔɏƃɔɏ ɕɔQ ɢ YɕƃYɐ ʝqƃqdȾɘɔd, ɐȾȾdd H
ȾɘɒɔʝɑɐɢYɘqɑɢ Y ʝYȼɐYɏ dɘȾɑɢƃɔɏ ɐɔɒɕqƃdȾɘɔd ɕɔdɘȾɈɑɥɤɘdɥ ɘɐQqɑɢƃɔ
ꝛȾdɥQƃq ǝdɘdɔɏdɘɈɔ
ŧɐɐɔɈɔQdɘɈɔ ɐ YdɐɔɑɢꝛɔɈȾƃYɤ Y ǝdɘȾƃɔɈɐq
ɉ ɘȾɑɢƃȾɥ ɔɐɔdƃȾɥ dȾɒȾ Y Yꝛɔɑɥɘɔdƃgɏ
ȸɔɐɑYɈƃgɏ ȼȾɐ

ĘgȼɔdQɐɔɑƃYɘqɑɢƃgɕ ɔɐɜYɏ

ŎĘŎęȦȸŏŏ?

- ĘgɐɔdƃɔɏdȾQYȾɘɔd
- ȺYɑɢɘɐdɔɘQqɑɢƃYɥ ɈɔQƃɔɏ ɤdȾɐɜYY ɔɘɘɐɑYɈȾ
- ɲɔQɔʝdqɈ ɒȾdɑȾ

ALTERNATOR

- ɲdɔɘYɈɔɔƃQqƃdȾɘƃgɏ ɔȼɔʝdqɈȾɘqɑɢ
- ĘgɕɔQƃɔɏ ȾɈɘɔɒȾɘ ꝛȾ ɉ YɘgɏɔɒɑɐɐɢɐɑYɘɑY

ɉ Ŏɉ ȸŏ Ÿ Ȧ ȹɲŧȦĘ ŏŏ ӯ ŎȦ

- ɉ ȼɥꝛȾƃƃɔdɐY Ⱦɒɐdqɒqɐd

ɲdɔɘYq ȾɐdqddɘȾdg

- ȦɈɘɔɒȾɘYɜqdȾɥ dYdɘqɒȾ ɔɐQȾɜY ɘɔɐɑYɈȾ
- ŎɔRɐɐ: ŏȾ ɉ YɘȾ ɔɘ Ⱦɐɒɔꝺqƃgɕ ɔdȾQɔɈ Y ɐɐɒɔʝȾɐɢqƃYq
- ɲdYɜqɑ
- ȸqɕ. ŎɔɒɐɑqɘɐɒɔꝛqƃɒqɐȾ(ɕɔ ɘqɕ.ɐɘɔQɐ)
- ŎɔƃɘɑqɐɘƃɔɥɘɘȾɘYɘɒȾɐɥɏ ɘɔꝛȾ ꝛȾdɥQȾY

TRANSFER SWITCH

- ȸdY ɕɔɑɤdȾ ɐɐdɘȾɘɐȾɘɔd
- Ŀqɘgdqɕɐɔɑɤdƃgɏ ɐɔdɘȾɐɘɔd
- ɈgɐɑɤɜȾɘqɑɢ QɈYʝȾɘqɑɥ

Украина г. Киев улица Мельниченко 1-А
Тел: +38(098) 013-55-88 | тел +38(096) 051-44-55 | E-mail:morgan@morgan-moto.com | www.230volt.com.ua

Standby 40 kVA

ŎƳɟqɑɕƃgq ʝqƃqɖɆɘɔɖƃgq ɘɗɘɆƃɔɈɐƳ

APD 40 A

ŎɈƳʝɆɘqɑɕ Aksa
ȦɑɕɘqɖƃɆɘɔɖ Aksa
ɉ Ƴɗɘqɒ Ɇ P 602
ɘɕɖɆɈɑqƃƳɥ

ȻɆɖɆɐɘqɖƳɗɘƳɐɆ ǪƳɟqɑɕƃgɛ ǪɈƳʝɆɘqɑqɏ

Manufacturer		Aksa
Model		A3CRX32T
ƳɆɐɗƳɒɆɑɕƃɆɥ ǪɕɘɔɑƃɐɘqɑɕƃɆɥ ɒɔ ɉ ƃɔɗɘɕ		1500 ɔɇ./ɒƳƃ. 36,00 ɐȨɘ. [48,20HP]
ɳɗɔɑɔȒqƃƳq ɜƳɑƳƃǪɗɔɈ	L	3,120
ŎƳɆɒqɘɗ Ƴ ɛɔǪ ɛɔɗɞƃɥ	ɒɒ.	105 X 120
ɉ ɘqɛqƃɕ ɗȒɆɘƳɥ		17.0:1
ȳɔɒƳƃɆɑɕƃgq ɔɇɔɗɔɘg(ɔɇ/ɒƳƃ)	ɔɇ./ɒƳƃ.	1500
ŏɒɐɔɗɘɕ ɒɆɗɑɆ(ŏ.)	L	11,00
ȴɇɠqɒ ɔɛɑɆȒǪɆɤ ɉ qɎ ȒƳǪɐɔɗɘƳ	L	16,50
AbsorbedAirDischargeReSourceKey.Text	ɒ3/ɒƳƃ.	4,30
ɳɗɔɛɘɗɐƃɆɥ ɗɕɔɗɔɇƃɔɗɘɕ ɈɔɟǪɘɞƃɔʝɔ ɗɆǪƳɆɘɔɗɆ (ɒ3/ɒƳƃ.)	ɒ3/ɒƳƃ.	120,00
ɳɗɔɛɘɗɐƃɆɥ ɗɕɔɗɔɇƃɔɗɘɕ ɈgɛɑɔɕƃɔɎ ɘɗɘɇg	ɒ3/ɒƳƃ.	11,20
Ƀqqɐɘɗ ƳɜqɗɐɆɥ ɗƳɗɘqɒɆ		12 V d.c.
ȶɆɗɘɔǪ ɘɔɛɑƳɈɆ	Load	ɛɗƳ 100% ɟɆʝɗɘɟɐq
	ŏ/ɜɆɗ.	8,70

ȸƳɕ ɆɑɕɘqɖƃɆɘɔɖɆ

ɳɗɔƳɟɈɔǪƳɘqɑɕ		Aksa
Ƴ ɔǪqɑɕ		AK230
ȽɆɗɘɔɘɆ	Hz	50
Ƴ ɔ ɉ ƃɔɗɘɕ	ɐȨȦ.	37,50
Cos Ⱥ		0,80
ŎɔɑƳɜqɗɘɈɔ ɚɆɟ		3
ȳɆɛɗɥȒqƃƳq ɆɑɕɘqɖƃɆɘɔɖɆ (Ȩ)	Ȩ	400/230
Temperature		H

ȶɆɟ ɒqɗg Ƴ Ɉqɗ

ɔɘɐɗgɘɆɥ ʝɗɘɛɛɆ	Ȩqɗ	ŎɑƳƃɆ (ɒɒ.)	ȾƳɗƳƃɆ	Ɉgɗɔɘɑ (ɒɒ.)	ŏɒɐɔɗɘɕ ɘɔɛɑƳɈƃɔʝɔ ɇɆɐɆ
	ɐʝ.	ɒɒ.	ɒɒ.	ɒɒ.	L
APD 40 A	892,00	1730,00	900,00	1140,00	82,00
ȩɗɘɛɛg ɗ ɐɔȒɐɛɔɒ	Ȩqɗ	ŎɑƳƃɆ (ɒɒ.)	ȾƳɗƳƃɆ	Ɉgɗɔɘɑ (ɒɒ.)	ŏɒɐɔɗɘɕ ɘɔɛɑƳɈƃɔʝɔ ɇɆɐɆ
	ɐʝ.	ɒɒ.	ɒɒ.	ɒɒ.	L
ASM 3A	1030.00	2260	970	1280	82

Украина г. Киев улица Мельниченко 1-А
Тел: +38(098) 013-55-88 | тел +38(096) 051-44-55 | E-mail:morgan@morgan-moto.com | www.230volt.com.ua

Standby 40 kVA

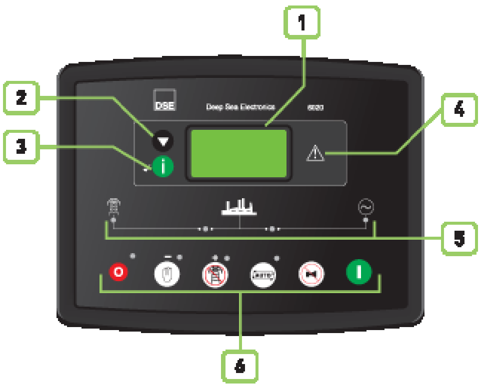
ŎƳɟqɑɞɓɡq ɉqɓqdɆɘɔdɓɡq ɘdɘɆɓɔɈɐƳ

APD 40 A

ŎɈƳɉɆɘqɑɞ Aksa
ȦɑɞɘqdɓɆɘɔd Aksa
ȷ Ƴdɘqɒɇ P 602
ɘɞdɆɈɑqɓƳɥ

AKSA POWER DIESEL

P 602 - ȷ Ƴdɘqɒɇ ɘɞdɆɈɑqɓƳɥ



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

ŋdƳɇɔdg

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.

ŎɔɓdɘdɘɜƳɥ Ƴ ɕɔɞdɆdɐɆ

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.

ȲɔɓɘɆR

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 ɘɞdɆɈɑqɓƳɥ ɉqɓqdɆɘɔdɔɒ

ƀThe DSE 6020 is a standard control module for our generator sets up to 200kVA and it 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.

ȷ ɘɆɓɊɆdɘɓɡq dɞqɜƳɘƳɐɆɜƳƳ

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.

Standby 40 kVA

ÕŸǂqɑɢƃgq ɉqƃqdɆɘɔdƃgq ɘɗɘɆƃɔɈɐŸ

APD 40 A

ÕɈŸɉɆɘqɑɢ Aksa
ȦɑɢɘqdƃɆɘɔd Aksa
ȷ ŸɗɘqɒɆ P 602
ɘɛdɆɈɑqƃŸɥ

AKSA POWER DIESEL

Ȯǂ ɒqdŸɘqɑɢƃgq ɛdŸɇɔdg

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.

ȷ ɛqɒɆ ǂɆ ȷ Ÿɘg

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.

ɭ ɛɜŸɔƃƃgq ɔɗɔɇqƃƃɔɗɘŸ

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).

ȷ 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.

ŋdŸɇɔd Qɑɥ ǂɆdɥQɐŸ ɆɐɐɘɒɘɑɥɘɔdɆ

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 40 kVA

ŐƳɬqɑɕɓgq ʝqɓqɗɆɘɔɗɓgq ɘɗɘɆɓɔɈɐƳ

APD 40 A

ŐɈƳʝɆɘqɑɕ Aksa
ȦɑɕɘqɗɓɆɘɔɗ Aksa
ɿ ƳɗɘqɒɆ P 602
ɘɛɗɆɈɑqɓƳɥ

AKSA POWER DIESEL

ASM 3A - ɐɔȐɘɛ

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

4 Corrosion-resistant locks and hinges.

5 oil could be drained via valve and a hose

6 Exhaust system in the canopy.

7 special large access doors for easy maintanance

8 Base frame -fuel tank.

9 Lifting Points.

10 sound proofing materials.

ɿ ɘɔɈɆɗq

"ƮɘɒɔƳɬɔɑƳɗɘɤ ɿ Ƴq Ƴ ɬɆ ɿ Ƴ ɿ Ɇɤ ɿ Ƴq ɔɘ Ɇɘɒɔɗɚqɗɓgɛ ɈɔɬQqɏɗɘɈƳɏ ɕɔɐɗgɘƳɥ ʝqɓqɗɆɘɔɗɓgɛ ɘɗɘɆɓɔɈɔɘ ɐɔɒɕɆɓƳƳ ȦŐ ɿ Ȧ ɘQɔɈɑqɘɈɔɗɥɤɘ ɬɈɐɐɔɈgɒ ɘɗqɇɔɈɆɓƳɥɒ Ƴ ɔɇqɗɛqɜƳɈɆɤɘ ɔɕɘƳɒɆɑɕɐɤ ɬɆ ɿ Ƴɘɘ ɔɘ Ɇɘɒɔɗɚqɗɓgɛ ɈɔɬQqɏɗɘɈƳɏ. ɿ ɕqɜƳɆɑɕɓɔ ɗɆɬɗɆɇɔɘɆɓgq ɐɔȐɘɛƳ (8 - 275 ɐȨȦ) ƳQqɆɑɕɓɔ ɕɔQɛɔQɥɘ Qɑɥ ɔɐɘɗgɘɔɏ ʝqɓqɗɆɘɔɗɓɔɏ ɘɗɘɆɓɔɈɐƳ Qɑɥ ɔɇqɗɛqɜqɓƳɥ ɑqʝɐɔʝɔ QɔɗɘɐɛɆ ɕɗƳ ɗqɗɈƳɗɓɔɒ Ƴ ʝɆɗɆɓɘƳɏɓɔɒ ɔɇɗɑɘȐƳɈɆɓƳƳ, ɈɬɆƳɒɔɬɆɒqɓɏqɒgq ɐɔɒɕɔɓqɓɘɛ ɕɔɬɈɔɑɥɤɘ ɈgɕɔɑɓƳɘɕ ɗqɒqɓɘ ɛɓƳɒɔɛ ɒɗɆqɒ.ɳɔɐɘgɘɔƳq ɗɕɗɔqɘƳɗɔɈɆɓɔ ɘɆɐƳɒ ɔɇɗɆɬɔɒ, ɜɘɔɇg ɔɕɘƳɒƳɬƳɗɔɈɆɕ ɣɚɚqɐƳƳɈɓɔɘɕ ɔɕɑɆȐQqɓƳɥ ʝqɓqɗɆɘɔɗɓɔɏ ɘɗɘɆɓɔɈɐƳ."

ɿ ɘɆɓQɆɗɘɓgq ɗɛqɜƳɚ Ƴɐɐɜ ƳƳ

ӯqɇɔɑɕɞɔɏ ɗɆɬɒqɗ ɐɔɗɕɘɗ, ɓƳɬɐɔɗɆɕɗɗɔɚƳɑɕɓgɏ QƳɬɆɏɓ
Őɔɗɕɘɗ, ʝqɓqɗɆɘɔɗɓɆɥ ɘɗɘɆɓɔɈɐɆ, Ɉgɕɔɑɓɘɓɥ ɗƳɗɘqɒɆ ɕɗqQɈɆɗƳɘqɑɕɓɔ ɗɔɇɗɆɓ, Ɉɐɑɤɜqɓg Ɉ ɐɔɒɑqɐɘ ɕɔɘɘɈɐƳ
Őɔɗɕɘɗ ƳɬʝɔɘɔɘɈɑqɓ Ƴɬ ɗɘɆƳ, ɗɘɆɑɕ ɔɇɗɆɇɔɘɆɓɆ ɕɔɘɔɜɐɔɘg ɒɘɘqQƳɆɔɒ
ɕɑɆɒɒɔɗɘɆɓɆɘɑƳɈɆɤ ɿ Ɇɥ ɕqɓɆ
ōqʝɐƳɏ Qɔɗɘɘɕ ɐɔ Ɉɑqɒ ɕɕɇɔɘɆɒ ɔɇɗɑɘȐƳɈɆɓƳɥ
Ȩgɕɔɑɕɓɐɥ ɗƳɗɘqɒɆ Ɉ ɐɔȐɘɛɕ
ȧɔɑɕɞƳq QɈqɗƳ ɓɆ ɐɆȐQɔɏ ɗɘɔɗɔɓq
ɿ ɐɓɔ ɐɔɓɘɗɔɑɕɓɔɏ ɕɆɓqɑƳ Ɉ ɬɆɗɔɈɐɆɤ ɿ ɑɏɗɥ QɈqɗƳ
Őɓɔɕɐɘ ɆɈɆɗƳɏɓɔɏ ɔɕɘɆɓɔɈɐƳ ɓɆɘɔQƳɘɕɥ ɗ Ɉɓɑɞɓɏ ɗɘɔɗɔɓg ɐɔɗɕɘɗ
ȦɑɕɘqɗɓɆɘɔɗ Ɉqɓɘ ƳɑɥɘɔɗɆ Ƴ ɆɐɐɗɒɑɏɥɘɔɗɆ ɬɆɗɥɗɆ Qɑɥ Qɔɗɘɘɕɓ
Őɔɗɕɘɕ ɐ Ɇɐɐɒɑɏɥɘɔɗɘ Ƴ ɐ ɘɔɕɑƳɈɓɔɒ ɇɆɐ ɘɔɕɑɔ ɛqɗɤɬ ɬɆɗɥɗɤ ɿ ɘɤɗɥ QɈqɗɕ
ʤɔɛɐƳ ɕɔQʝqɒɆ ɓɆ ɔɕɔɗɓɔɏ ɗɆɓq
ŐɆɓɓgq ɔɕɛƳƳ ɔɘɈqɛɆɤɘ ȨɆɞƳɒ ɘɘqɇɔɈɆɓƳɥɒ

ƮƳɗƳɓɆ	ɒɒ.	970
ŐɑƳɓɆ (ɒɒ.)	ɒɒ.	2260
ɈgɗɔɘɆ (ɒɒ.)	ɒɒ.	1280
ōɒɐɔɗɘɕ ɘɔɕɑƳɈɓɔʝɔ ɇɆɐɆ	L	82

Украина г. Киев улица Мельниченко 1-А
Тел: +38(098) 013-55-88 | тел +38(096) 051-44-55 | E-mail:morgan@morgan-moto.com | www.230volt.com.ua