

**aksa** POWER  
GENERATION

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# Alternative power solutions for your residential area



# GASOLINE GENERATING SETS

## AAP 1000i

### Inverter



AC Rated Power .....: 0,85 kW  
 AC Max. Power .....: 1 kW  
 AC Voltage .....: 230 V  
 AC Rated Current.....: 3,7 A  
 Fuel Tank Capacity ...: 2,1 lt.  
 Oil Capacity .....: 0,25 lt.  
 Fuel Consumption ...: 0,5 lt./hour  
 Dimension (LxWxH):. 505 x 280 x 410 mm  
 Weight.....: 14,8 kg  
 Starting Type .....: Recoil Start  
 Sound Level(LpA) ....: 64 dB(A)@7m

## AAP 2000i

### Inverter



AC Rated Power .....: 1,7 kW  
 AC Max. Power .....: 1,9 kW  
 AC Voltage .....: 230 V  
 AC Rated Current.....: 7,4 A  
 Fuel Tank Capacity ...: 3,6 lt.  
 Oil Capacity .....: 0,4 lt.  
 Fuel Consumption ...: 1,3 lt./hour  
 Dimension (LxWxH):. 555 x 305 x 460 mm  
 Weight.....: 22,2 kg  
 Starting Type .....: Recoil Start  
 Sound Level(LpA) ....: 64 dB(A)@7m

## AAP 1200



AC Rated Power ....: 0,9 kW  
 AC Max. Power .....: 1,0 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 3,4 A  
 Fuel Tank Capacity : 7 lt.  
 Oil Capacity .....: 0,4 lt.  
 Fuel Consumption .: 0,45 lt./hour  
 Dimension (LxWxH):. 470 x 380 x 405 mm  
 Weight .....: 26 kg  
 Starting Type .....: Recoil Start  
 Sound Level(LpA)....: 75 dB(A)@7m

## AAP 3500\* / 3500E



AC Rated Power .....: 2,5 kW  
 AC Max. Power .....: 2,8 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 11 A  
 Fuel Tank Capacity: 15 lt.  
 Oil Capacity.....: 0,6 lt.  
 Fuel Consumption...: 1,1 lt./hour  
 Dimension (LxWxH):. 610 x 495 x 480 mm  
 Weight .....: 44,5 kg  
 Starting Type .....: Recoil Start / Electrical Start  
 Sound Level(LpA)....: 76 dB(A)@7m

\* AAP 3500 model is recoil start, AAP 3500E model is electrical start.

## AAP 5500



AC Rated Power .....: 4 kW  
 AC Max. Power .....: 4,5 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 17,3 A  
 Fuel Tank Capacity: 25 lt.  
 Oil Capacity.....: 1,1 lt.  
 Fuel Consumption...: 1,8 lt./hour  
 Dimension (LxWxH):. 680 x 540 x 545 mm  
 Weight .....: 78 kg  
 Starting Type .....: Recoil Start  
 Sound Level(LpA)....: 73 dB(A)@4m

## AAP 5500E



AC Rated Power .....: 4 kW  
 AC Max. Power .....: 4,5 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 17,3 A  
 Fuel Tank Capacity: 25 lt.  
 Oil Capacity.....: 1,1 lt.  
 Fuel Consumption...: 1,8 lt./hour  
 Dimension (LxWxH):. 680 x 540 x 545 mm  
 Weight .....: 83 kg  
 Starting Type .....: Electrical Start  
 Sound Level(LpA)....: 73 dB(A)@4m

## AAP 8000E



AC Rated Power .....: 6 kW  
 AC Max. Power .....: 6,5 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 26 A  
 Fuel Tank Capacity: 30 lt.  
 Oil Capacity (lt) .....: 1,1 lt.  
 Fuel Consumption...: 2,6 lt./hour  
 Dimension (LxWxH):. 810 x 540 x 565 mm  
 Weight .....: 98 kg  
 Starting Type .....: Electrical Start  
 Sound Level(LpA)....: 77 dB(A)@7m

## AAP 8000E3

### Three Phase



AC Rated Power .....: 6 kW  
 AC Max. Power .....: 6,5 kW  
 AC Voltage .....: 400 V  
 AC Rated Current ...: 10,8 A  
 Fuel Tank Capacity: 25 lt.  
 Oil Capacity.....: 1,1 lt.  
 Fuel Consumption...: 2,7 lt./hour  
 Dimension (LxWxH):. 680 x 540 x 545 mm  
 Weight .....: 95 kg  
 Starting Type .....: Electrical Start  
 Sound Level(LpA)....: 73 dB(A)@7m

## AB 110 ME



AC Rated Power .....: 8 kW  
 AC Max. Power .....: 8,8 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 34,8 A  
 Fuel Tank Capacity: 16 lt.  
 Oil Capacity.....: 1,7 lt.  
 Fuel Consumption...: 5 lt./hour  
 Dimension (LxWxH):. 910 x 740 x 750mm  
 Weight .....: 122 kg  
 Starting Type .....: Electrical Start  
 Sound Level(LpA)....: 82,6 dB(A)@7m

## AB 110 TE

### Three Phase



AC Rated Power .....: 8 kW  
 AC Max. Power .....: 8,8 kW  
 AC Voltage .....: 400 V  
 AC Rated Current ...: 14,4 A  
 Fuel Tank Capacity: 16 lt.  
 Oil Capacity.....: 1,7 lt.  
 Fuel Consumption...: 5 lt./hour  
 Dimension (LxWxH):. 910 x 740 x 750mm  
 Weight .....: 117 kg  
 Starting Type .....: Electrical Start  
 Sound Level(LpA)....: 82,6 dB(A)@7m

**OHV** Maintenance and use easier to from the top valve engine

15-30 lt fuel tank capacity (AAP 1200, 1000i, 2000i models are excluded)

Engine stops when the oil level is low.

Absorbed to purify the air of dust and debris, dual element air filter

**AVR** Voltage 230 V or 400 V at a fixed to remain as an automatic voltage regulator (AAP 1000 models are with condenser AVR)

16 A or 32 A of the conditions of heavy-duty industrial type plug (8000 / E3 models)

Current output protected by a circuit breaker

Group on the A.C. Quadrant shows the output voltage

# DIESEL GENERATING SETS

## APD 12 A

### Three Phase



AC Rated Power .....: 10,6 kVA  
 AC Max. Power .....: 11,5 kVA  
 AC Voltage .....: 400/230 V  
 AC Rated Current ...: 15 A  
 Fuel Tank Capacity.: 32 lt.  
 Oil Capacity.....: 4,5 lt.  
 Fuel Consumption...: 3,4 lt./hour  
 Dimension (LxWxH): 1522 x 823 x 1127 mm  
 Weight .....: 470 kg  
 Starting Type .....: Automatic  
 Sound Level(LpA)....: 83,7 dB(A)@1m

## APD 16 A

### Three Phase



AC Rated Power .....: 15,5 kVA  
 AC Max. Power .....: 14,5 kVA  
 AC Voltage .....: 400/230 V  
 AC Rated Current ...: 21 A  
 Fuel Tank Capacity.: 32 lt.  
 Oil Capacity.....: 5 lt.  
 Fuel Consumption...: 4,1 lt./hour  
 Dimension (LxWxH): 1672 x 823 x 1127 mm  
 Weight .....: 520 kg  
 Starting Type .....: Automatic  
 Sound Level(LpA)....: 79,8 dB(A)@1m

## APD 12 EM



AC Rated Power .....: 8,8 kW  
 AC Max. Power .....: 9,6 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 38 A  
 Fuel Tank Capacity.: 15 lt.  
 Oil Capacity.....: 2,3 lt.  
 Fuel Consumption...: 4 lt./hour  
 Dimension (LxWxH): 1152 x 776 x 1000 mm  
 Weight .....: 250 kg  
 Starting Type .....: Automatic  
 Sound Level(LpA)....: 78,9 dB(A)@7m

## APD 12 E

### Three Phase



AC Rated Power .....: 11 kVA  
 AC Max. Power .....: 12 kVA  
 AC Voltage .....: 400/230 V  
 AC Rated Current ...: 16 A  
 Fuel Tank Capacity.: 15 lt.  
 Oil Capacity.....: 2,3 lt.  
 Fuel Consumption...: 4 lt./hour  
 Dimension (LxWxH): 1152 x 776 x 1000 mm  
 Weight .....: 250 kg  
 Starting Type .....: Automatic  
 Sound Level(LpA)....: 78,9 dB(A)@7m

## AAP 4200 DE



AC Rated Power .....: 4,2 kW  
 AC Max. Power .....: 4,5 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 18 A  
 Fuel Tank Capacity.: 12,5 lt.  
 Oil Capacity.....: 1,65 lt.  
 Fuel Consumption...: 1,5 lt./hour  
 Dimension (LxWxH): 970 x 580 x 785mm  
 Weight .....: 186 kg  
 Starting Type .....: Electrical Start  
 Sound Level(LpA)....: 74 dB(A)@7m

## AAP 8000 DE



AC Rated Power .....: 5,5 kW  
 AC Max. Power .....: 6 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 24 A  
 Fuel Tank Capacity.: 12 lt.  
 Oil Capacity.....: 1,7 lt.  
 Fuel Consumption...: 1,8 lt./hour  
 Dimension (LxWxH): 850 x 530 x 755 mm  
 Weight .....: 175 kg  
 Starting Type .....: Electric Starter  
 Sound Level(LpA)....: 80 dB(A)@7m

## AAP 8000 DE



AC Rated Power .....: 6,3 kW  
 AC Max. Power .....: 6,8 kW  
 AC Voltage .....: 230 V  
 AC Rated Current ...: 27 A  
 Fuel Tank Capacity.: 15 lt.  
 Oil Capacity.....: 1,7 lt.  
 Fuel Consumption...: 2 lt./hour  
 Dimension (LxWxH): 730 x 630 x 735 mm  
 Weight .....: 125 kg  
 Starting Type .....: Electric Starter  
 Sound Level(LpA)....: 92 dB(A)@7m

## AAP 8000 DE3

### Three Phase



AC Rated Power .....: 6 kW  
 AC Max. Power .....: 6,5 kW  
 AC Voltage .....: 400/230 V  
 AC Rated Current ...: 16 A  
 Fuel Tank Capacity.: 15 lt.  
 Oil Capacity.....: 1,7 lt.  
 Fuel Consumption...: 2,4 lt./hour  
 Dimension (LxWxH): 730 x 490 x 690 mm  
 Weight .....: 135 kg  
 Starting Type .....: Electric Starter  
 Sound Level(LpA)....: 82 dB(A)@7m

# ELECTRICAL TOOLS LOAD CHART

Fluorescent Lamp 30 W	Fan 50 W	Radio 50 W	Light Bulb 60 W	Telefax 65 W
DVD/VCD player 100 W	Boiler 170 W	Drill 250 W	TV/51 Scr. 300 W	Refrigerator 350 W
Computer 15" 400 W	Drill 10 mm 500 W	Microwave Oven 700 W	Toaster 1100 W	Chainsaw 1200 W

• The wattages listed in our reference guide above are based on estimated wattage requirements. For exact wattages, check the data plate or operator's manual of the item you wish the power. If in doubt, ask your reseller for advice.



## USING AN AKSA GASOLINE GENERATING SETS

**For your safety and comfort, AKSA portable gen-sets will be your best solution during electricity interruptions. It is strongly recommended to apply the bellow stated tips before starting up the gen-set.**

1. Do read the user manual before starting up the engine. Aksa guarantee does not include components failures by faulty operation.
2. Pay close attention to the amount needed to operate the appliances and items you intend to run (see load chart). Overloading your generator could result in a blown fuse or damage the items you are running.
3. Never run your generator in a fully enclosed area including a garage, carport, basement, crawlspace, other enclosed or partially enclosed area, even with ventilation. Opening doors, windows or using fans will not prevent carbon monoxide build-up.
4. Plug appliances directly into the generator or use a heavy-duty, outdoor extension cord that is rated at least equal to the sum of the connected appliances loads.
5. Do not operate engine in wet environment - you could be electrocuted. Additionally, never touch your generator with wet hands.
6. It is hazardous to refuel when the engine is hot. It is also recommended to check the oil level in every refueling.
7. Check the oil level when filling each fuel. At the normal temperatures SAE10W-30 oil is recommended.
8. 95 octane unleaded gasoline should be used in Aksa portable generators. **YOU SHOULD NEVER MIX OIL AND FOREIGN MATERIAL WITH GASOLINE.**
9. When stopping generator, the full tap should be turned off. Otherwise, the generator can be damaged.
10. Portable generators must be operated continuously up to 5 hours. At the end of this period the engine have to cool for 1 hour rest.
11. Cordless model's battery might be discharged if not being run for a long time. Therefore, generators need to be run once a week due to lubrication of the engine and battery life.
12. Do not use portable generators to run the welding machine.
13. Aksa Service doesn't give a service in situ. Generators to reach the customers sole responsibility to services. Aksa services give onsite services offers for a fee.
14. Before connecting circuit breaker to electrical system, please pay attention on the following :  
2-pole circuit breaker should be used for one phase generators, 4-pole circuit breaker should be used for three phases generators
15. Do not use portable generators to run medical devices, life support units(breathing apparatus).

\* Please check the manual book before using diesel gen sets.

## HOW TO SELECT AN AKSA PORTABLE GENERATING SETS

1. Identify the tools and appliances you wish to operate with your generator.
  2. Determine the required power of each item (see the table below).
  3. Calculate the required watts of the items that will be running simultaneously.
  4. Nominal power output 100 m altitude and 25 °C ambient temperature is given by. All 300 m at 3.5% and each 5.5 °C at %2 the power drops.
- Starting power is an important factor whilst choosing the right generator. For instance, devices such as; electric motor refrigerators, air conditioners, compressors need 2-3 times more power whilst starting up. Therefore, this feature must be taken into account when determining power of a generator.

