

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Киров (8332)68-02-04
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://arel.nt-rt.ru/> || aeh@nt-rt.ru

ADP30

30 KVA AC+DC Electric GPU



The ADP30 series ground support device is designed to provide the 115/200V, 400HZ AC and 28.5V DC power needed for the first start and maintenance of the aircraft's engines inside or outside the hangar, with an electric synchronous motor. With its 24-hour working structure, compact design and easily accessible panel, it takes up little space and can be used easily with a single operator. It is designed and manufactured to supply that can produce AC and DC power at the same time. It is environmentally friendly with its silent structure and zero exhaust emissions.

AREL -ADP series GPUs are produced with AREL production synchronous electric motors and Arel special alternators that can produce AC and DC output at the same time, with more than 30 years of experience. With a wide range of products from 15 kVA to 90 kVA, 115/200V, 400HZ AC and 400A to 4,000A DC, AREL designs and manufactures products to meet the needs of all aircraft and helicopters in the civil and military aviation industry.

ENGINE

- ALTERNATOR
- PERFORMANCE
- PANEL
- CABIN
- CABLES
- PROTECTIONS
- DIMENSIONS
- STANDARDS

ALTERNATOR

- Arel production
- 35kW
- 1,500 rpm
- 4 poles
- Star delta operation + Soft-start feature (low current starting)
- 380V, 50Hz, 62A
- Brushless
- Synchronicity
- IP23
- H class insulation

PERFORMANCE

- 30kVA
- 115/200V, 400Hz AC, 85 Amp
- 28.5V DC - 800 A starting current
- 28.5V DC - 600 A continuous current
- +/- 1% electronic voltage regulation (separately for AC and DC)
- +/- 10% manual voltage adjustment (inside the panel) (separately for AC and DC)
- Less than 3% Total Harmonic Distortion (THD)

PANEL

- AC-DC selector switch
- Fault warning lamps
- Reset button - illuminated
- working time clock
- AC Digital Ammeter (motor)
- AC Digital Voltmeter (mains)
- Engine start - stop button - illuminated
- Emergency stop button

AC Output

- Start-stop button
- AC Digital ammeter
- AC Digital voltmeter
- digital frequencymeter
- eye lamps

DC Output

- Start-stop button
- DC Digital ammeter (1.500A, 60mV, with shunt)
- DC Digital voltmeter
- eye lamps

CABIN

- Robust construction made of steel sheet
- Electrostatic powder oven paint
- Removable front and side cover for ease of maintenance
- Recessed control panel protected from external influences
- Cabin carrying hooks
- fixed system

CABLES

Output Cable

- 10mt - 2x95mm² DC output cable and NATO standard DC output connector (MS 25488-27)
- 15 m - 4x35mm²+2x4mm² AC output cable and NATO standard AC output connector (MS 25486-31)
- Cable wrap hooks on cabinet

PROTECTIONS

- GCU (Ground power Control Unit)
Specially designed for ground support devices by our company, GCU keeps the AC

Voltage, DC Voltage, AC Frequencies of the system under constant control and if the limits set according to IATA criteria are exceeded, it closes the output of the system within the programmed time and protects it. and gives an audible and light alarm.

- AC and DC high current protection (in case of overcurrent, it cuts the output after the specified limit and time and gives an audible and light alarm)

DIMENSIONS

Width - Length - Load: 155 cm - 75 cm - 160 cm.

Weight: 950 kg

STANDARDS

- ISO 9001:2015
- CE
- IATA Norms
- MS 704F
- ISO 6858-2017
- SAE ARP 5015B

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (352)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://arel.nt-rt.ru/> || aeh@nt-rt.ru