

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
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

ADP1460

60 kVA AC+DC Electric Compact GPU



ADP1460 series dynamic type ground support devices (GPU) are designed to provide the 115/200V, 400HZ AC and 28.5V DC power needed for the initial start and maintenance of the aircraft's engines inside or outside the hangar, with an electric synchronous motor. It is environmentally friendly with its silent structure and zero exhaust emissions. Thanks to its compact structure and superior maneuverability, it can be used easily with a single operator.

AREL -ADP series GPUs, which can produce AC and DC output at the same time, have been produced with AREL production synchronous electric motors and Arel special alternators 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 manufactures products to meet the needs of all aircraft and helicopters in the civil and military aviation industry.

Thanks to its compact structure, ADP1460 Ground Power Units can be transported by Skorsky helicopters.

ENGINE

- Arel production
- 70kW
- 1,500 rpm
- 4 poles
- Star delta operation + Soft-start feature (low current starting)
- 380V, 50Hz, 105A
- Brushless
- Synchronicity
- IP23
- H class insulation

ALTERNATOR

- Arel production
- 32 poles
- 1,500 rpm
- 115/200V, 400Hz, 170Amp.
- Brushless
- 3 phase
- Synchronicity
- IP23
- H class insulation

PERFORMANCE

- 60kVA
- 115/200V, 400Hz AC, 170 Amp
- 28.5V DC - 1.600 A starting current
- 28.5V DC - 1.200 A continuous current
- +/- 1% electronic voltage regulation (separately for AC and DC)
- +/- 10% manual voltage adjustment (inside the cabinet) (separate 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 buttons - illuminated
- AC Digital Ammeter
- AC Digital Voltmeter
- Digital Frequencymeter
- eye lamps

DC Output

- Start - stop buttons - illuminated
- DC Digital Ammeter (2,000 A, 60mV, with shunt)
- DC Digital Voltmeter
- eye lamps

CABIN

- Robust construction made of steel sheet
- compact design
- Electrostatic powder oven paint
- Removable side covers for ease of maintenance
- Recessed control panel protected from external influences

TRAILER

- Robust structure made of U Profile steel sheet
- Double axle with ball joint system
- Parking brake, actuated by the drawbar, controlling the rear wheels
- It has the ability to move with an angle of 30°.
- 4,80x4 pneumatic rubber wheels

CABLES

Input Cable

- 20mt - 5x16mm²

Output Cable

- 10mt - 2x120mm² DC output cable and NATO standard DC output connector (MS 25488-27)
- 15mt - 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 by our company for ground support devices, GCU keeps the AC Voltage, DC Voltage, AC frequencies of the system under constant control, and if the limits determined 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: 126 cm – 165 cm – 115 cm.

Weight: 1.165 kg

STANDARDS

- ISO 9001:2015
- CE
- IATA Norms
- MS 704F
- ISO 6858-2017
- SAE ARP5015B

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
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