POWER SOLUTION PRODUCTS

AC/DC GENERATOR

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BATTERY MANAGEMENT SYSTEM

ARMA - R28100C
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Page 24
## ARMA - G3M
- **Power**: 3 KVA
- **Phase**: 1 Phase
- **Weight**: 156 KG
- **Dimension**: 882x525x603mm

## ARMA - G6M
- **Power**: 6 KVA
- **Phase**: 1 Phase
- **Weight**: 170 KG
- **Dimension**: 922x589x701mm

## ARMA - G15M
- **Power**: 15 KVA
- **Phase**: 3 Phase
- **Weight**: 690 KG
- **Dimension**: 1260x914x1110 mm

## ARMA - 18DM
- **Power**: 18 KVA
- **Phase**: 3 Phase
- **Weight**: 600 KG
- **Dimension**: 1655x793x1318 mm

## ARMA - G22D
- **Power**: 22.5 KVA
- **Phase**: 3 Phase
- **Weight**: 1000 KG
- **Dimension**: 2456x676x1734 mm

## ARMA - G25M
- **Power**: 25 KVA
- **Phase**: 3 Phase
- **Weight**: 1000 KG
- **Dimension**: 1195x800x1620 mm

## ARMA - G25S
- **Power**: 25 KVA
- **Phase**: 3 Phase
- **Weight**: 1000 KG
- **Dimension**: 2001x800x1107 mm

## ARMA - G25MC
- **Power**: 15 KVA
- **Phase**: 3 Phase
- **Weight**: 690 KG
- **Dimension**: 1655x793x1318 mm

## ARMA - G80S
- **Power**: 80 KVA
- **Phase**: 3 Phase
- **Weight**: 2000 KG
- **Dimension**: 2399x1066x1848 mm

## ARMA - P10
- **Power**: 10 KVA
- **Phase**: 1 Phase
- **Weight**: 70 KG
- **Dimension**: 425x295x296 mm

## APU SYSTEMS
- **Power**: 20 KW
- **Compressor Power**: 8 KW
- **Hydraulic Power**: 4 KW
- **DC Power**: 8 KW
- **Max. Amper**: 300 A
- **Cooling Type**: Water
- **Weight**: 280 KG
- **Dimension**: 672x1104x632mm

- **Power**: 20 KW
- **Compressor Power**: 8 KW
- **Hydraulic Power**: 3 KW
- **DC Power**: 9 KW
- **Max. Amper**: 300 A
- **Cooling Type**: Water
- **Weight**: 280 KG
- **Dimension**: 3190x1190x875mm
Arma Military Generator 3 kVA

**Engine Specification**

- **Engine:** Kubota
- **Model:** Z482
- **Output:** 9.3 kW
- **Type:** Water Cooled Vertical Diesel Engine
- **Number of cylinders:** 2
- **Maximum Speed:** 3000 RPM
- **Starting System:** Electric Start

**General Features**

- Less size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refiling fuel tank
- 3 Year limited warranty

**Specifications**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Mobile</th>
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</thead>
<tbody>
<tr>
<td>Power Stand By</td>
<td>3 KVA</td>
</tr>
<tr>
<td>Continuous Power</td>
<td>2.5 KVA</td>
</tr>
<tr>
<td>Frequency</td>
<td>50 Hz</td>
</tr>
<tr>
<td>Cooling System</td>
<td>Water Cooled</td>
</tr>
<tr>
<td>Voltage Phase</td>
<td>1 Phase</td>
</tr>
<tr>
<td>Connection Type</td>
<td>RS422 - TCP</td>
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<tr>
<td>Sound Level</td>
<td>75 dB @7 Meters</td>
</tr>
<tr>
<td>Weight</td>
<td>156 KG</td>
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<tr>
<td>Working Temperature</td>
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</tr>
<tr>
<td>Storage Temperature</td>
<td>-40 / +60 °C</td>
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<tr>
<td>Fuel Type/Capacity</td>
<td>Diesel / 3 LT</td>
</tr>
<tr>
<td>Battery Capacity</td>
<td>38 AH @12V</td>
</tr>
<tr>
<td>Dimension ( L x W x H )</td>
<td>882±5x527,50±5x603±5 mm</td>
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</table>

**Certifications**

- **Environmental Specification:** MIL-STD-810G
- **EMI/RFI Specifications:** MIL-STD-461F

**Alternate Specification**

- **Output:** 4.8 KVA
- **Protection:** IP23
- **Voltage Accuracy:** ± 2% V
- **Maximum Speed:** 3000 RPM

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information.
ARMA MILITARY GENERATOR 6 KVA

ARMA – G6M

- Less size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refiling fuel tank
- 3 Year limited warranty

**GENERAL FEATURES**

<table>
<thead>
<tr>
<th>TYPE</th>
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<td>CONTINUOUS POWER</td>
<td>5 KVA</td>
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<tr>
<td>FREQUENCY</td>
<td>50 Hz</td>
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<tr>
<td>COOLING SYSTEM</td>
<td>Water Cooled</td>
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<tr>
<td>VOLTAGE PHASE</td>
<td>1 Phase</td>
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<tr>
<td>CONNECTION TYPE</td>
<td>RS422 - TCP</td>
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<tr>
<td>SOUND LEVEL</td>
<td>75 dB @7 Meters</td>
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<tr>
<td>WEIGHT</td>
<td>170 KG</td>
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<tr>
<td>WORKING TEMPERATURE</td>
<td>-32 / +55 °C</td>
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<tr>
<td>STORAGE TEMPERATURE</td>
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<tr>
<td>FUEL TYPE/CAPACITY</td>
<td>Diesel / 3 LT</td>
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<tr>
<td>BATTERY CAPACITY</td>
<td>38 AH @12V</td>
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<tr>
<td>DIMENSION ( L x W x H )</td>
<td>1039±5x693±5x783±5 mm</td>
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**CERTIFICATIONS**

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<tr>
<th>ENVIRONMENTAL SPECIFICATION</th>
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<td>MIL-STD-461F</td>
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**ENGINE SPECIFICATION**

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<th>ENGINE</th>
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<tr>
<td>MODEL</td>
<td>Z482</td>
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<tr>
<td>OUTPUT</td>
<td>9.3 kW</td>
</tr>
<tr>
<td>TYPE</td>
<td>Water Cooled Vertical Diesel Engine</td>
</tr>
<tr>
<td>NUMBER OF CYLINDERS</td>
<td>2</td>
</tr>
<tr>
<td>MAXIMUM SPEED</td>
<td>3000 RPM</td>
</tr>
<tr>
<td>STARTING SYSTEM</td>
<td>Electric Start</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information
ARMA MILITARY GENERATOR 15 KVA

ARMA – G15M

- Reduced size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refiling fuel tank
- 3 Year limited warranty

GENERAL FEATURES

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<tr>
<th>TYPE</th>
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<tbody>
<tr>
<td>POWER STAND BY</td>
<td>15 KVA</td>
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<tr>
<td>CONTINUOUS POWER</td>
<td>12 KVA</td>
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<td>FREQUENCY</td>
<td>50 Hz</td>
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<td>COOLING SYSTEM</td>
<td>Water Cooled</td>
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<tr>
<td>VOLTAGE PHASE</td>
<td>3 Phase</td>
</tr>
<tr>
<td>CONNECTION TYPE</td>
<td>RS422 - TCP / IP-Canbus</td>
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<tr>
<td>SOUND LEVEL</td>
<td>75 dB @7 Meters</td>
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<tr>
<td>WEIGHT</td>
<td>690 KG</td>
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<tr>
<td>WORKING TEMPERATURE</td>
<td>-32 / +55 °C</td>
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<td>STORAGE TEMPERATURE</td>
<td>-40 / +60 °C</td>
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<tr>
<td>FUEL TYPE/CAPACITY</td>
<td>Diesel / 4,3 LT / H</td>
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<tr>
<td>BATTERY CAPACITY</td>
<td>95 AH @12V</td>
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<tr>
<td>DIMENSION ( L x W x H )</td>
<td>1260±5x914±5x1110±5 mm</td>
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</table>

DIMENSIONS

- 1260 mm
- 914 mm
- 1110 mm

CERTIFICATIONS

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<thead>
<tr>
<th>ENVIRONMENTAL SPECIFICATION</th>
<th>MIL-STD-810G</th>
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<td>EMI/RFI SPECIFICATIONS</td>
<td>MIL-STD-461F</td>
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ENGINE SPECIFICATION

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<tr>
<th>ENGINE</th>
<th>Kubota</th>
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<tr>
<td>MODEL</td>
<td>D1105T</td>
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<tr>
<td>OUTPUT</td>
<td>18.5 kW</td>
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<tr>
<td>TYPE</td>
<td>Water Cooled Vertical Diesel Engine</td>
</tr>
<tr>
<td>NUMBER OF CYLINDERS</td>
<td>3</td>
</tr>
<tr>
<td>MAXIMUM SPEED</td>
<td>3000 RPM</td>
</tr>
<tr>
<td>STARTING SYSTEM</td>
<td>Electric Start / 12V</td>
</tr>
</tbody>
</table>

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information.
ARMA MILITARY GENERATOR 18 KVA

ARMA – G18DM

- Reduced size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refiling fuel tank
- 3 Year limited warranty

**GENERAL FEATURES**

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<tr>
<th>TYPE</th>
<th>Mounted / Dual</th>
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<tr>
<td>POWER STAND BY</td>
<td>18 KVA</td>
</tr>
<tr>
<td>CONTINUOUS POWER</td>
<td>14 KVA</td>
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<tr>
<td>FREQUENCY</td>
<td>50 Hz</td>
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<tr>
<td>COOLING SYSTEM</td>
<td>Water Cooled</td>
</tr>
<tr>
<td>VOLTAGE PHASE</td>
<td>3 Phase</td>
</tr>
<tr>
<td>CONNECTION TYPE</td>
<td>RS422 - TCP / IP-Canbus</td>
</tr>
<tr>
<td>SOUND LEVEL</td>
<td>75 dB @7 Meters</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>600 KG</td>
</tr>
<tr>
<td>WORKING TEMPERATURE</td>
<td>-32 / +55 °C</td>
</tr>
<tr>
<td>STORAGE TEMPERATURE</td>
<td>-40 / +60 °C</td>
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<tr>
<td>FUEL TYPE/CAPACITY</td>
<td>Diesel / 6,1 LT / H</td>
</tr>
<tr>
<td>BATTERY CAPACITY</td>
<td>95 AH @12V 2 PCS</td>
</tr>
<tr>
<td>DIMENSION (L x W x H)</td>
<td>1665±5x793±5x1318±5 mm</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

- 1665 mm
- 793 mm
- 1318 mm

**ENVIROMENTAL SPECIFICATION**

- MIL-STD-810G
- MIL-STD-461F

**ENGINE SPECIFICATION**

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<tr>
<th>ENGINE</th>
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<td>MODEL</td>
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<td>OUTPUT</td>
<td>20.3 kW</td>
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<tr>
<td>TYPE</td>
<td>Water Cooled Vertical Diesel Engine</td>
</tr>
<tr>
<td>NUMBER OF CYLINDERS</td>
<td>4</td>
</tr>
<tr>
<td>MAXIMUM SPEED</td>
<td>1500 RPM</td>
</tr>
<tr>
<td>STARTING SYSTEM</td>
<td>Electric Start / 24V</td>
</tr>
</tbody>
</table>

**ALTERNATOR SPECIFICATION**

| OUTPUT  | 20 KVA |
| PROTECTION | IP23 |
| VOLTAGE ACCURACY | ± 2.5% V |
| ISOLATION CLASS  | H |
| MAXIMUM SPEED    | 1500 RPM |

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information
ARMA MILITARY GENERATOR 22.5 KVA

ARMA – G22D

- Reduced size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Remote management
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refilling fuel tank
- 3 Year limited warranty

GENERAL FEATURES

| TYPE | Mounted / Rail / Dual |
| POWER STAND BY | 22.5 KVA |
| CONTINUOUS POWER | 18.5 KVA |
| FREQUENCY | 50 Hz |
| COOLING SYSTEM | Water Cooled |
| VOLTAGE PHASE | 3 Phase |
| CONNECTION TYPE | RS422 - TCP / IP-Canbus |
| SOUND LEVEL | 75 dB @7 Meters |
| WEIGHT | 1000 KG |
| WORKING TEMPERATURE | -32 / +55 °C |
| STORAGE TEMPERATURE | -40 / +60 °C |
| FUEL TYPE/CAPACITY | Diesel / 8.6 LT / H |
| BATTERY CAPACITY | 95 AH @12V 2 PCS |
| DIMENSION (L x W x H) | 2456±5x678±5x1734±5 mm |

DIMENSIONS

| DIMENSION (L x W x H) | 2456 mm x 678 mm x 1734 mm |

CERTIFICATIONS

| ENVIRONMENTAL SPECIFICATION | MIL-STD-810G |
| EMI/RFI SPECIFICATIONS | MIL-STD-461F |

ALTERNATOR SPECIFICATION

| OUTPUT | 33 KVA |
| PROTECTION | IP23 |
| VOLTAGE ACCURACY | ± 2.5% V |
| ISOLATION CLASS | H |
| MAXIMUM SPEED | 3000 RPM |

ENGINE SPECIFICATION

| ENGINE | Kubota |
| MODEL | V1505T |
| OUTPUT | 33 kW |
| TYPE | Water Cooled Vertical Diesel Engine |
| NUMBER OF CYLINDERS | 4 |
| MAXIMUM SPEED | 3000 RPM |
| STARTING SYSTEM | Electric Start / 24V |

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information
ARMA MILITARY GENERATOR 25 KVA

ARMA – G25M

- Reduced size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refiling fuel tank
- 3 Year limited warranty

GENERAL FEATURES

| TYPE | Mounted / Rail |
| POWER STAND BY | 25 kVA |
| CONTINUOUS POWER | 20 kVA |
| FREQUENCY | 50 Hz |
| COOLING SYSTEM | Water Cooled |
| VOLTAGE PHASE | 3 Phase |
| CONNECTION TYPE | RS422 - TCP / IP-Canbus |
| SOUND LEVEL | 70 dB @7 Meters |
| WEIGHT | 1000 KG |
| WORKING TEMPERATURE | -32 / +55 ºC |
| STORAGE TEMPERATURE | -40 / +60 ºC |
| FUEL TYPE/CAPACITY | Diesel / 8.6 LT / H |
| BATTERY CAPACITY | 95 AH @12V 2 PCS |
| DIMENSION ( L x W x H ) | 1198±5x800±5x1620±5 mm |

CERTIFICATIONS

| ENVIRONMENTAL SPECIFICATION | MIL-STD-810G |
| EMI/RFI SPECIFICATIONS | MIL-STD-461F |

DIMENSIONS

<table>
<thead>
<tr>
<th>ENGINE SPECIFICATION</th>
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<tbody>
<tr>
<td>ENGINE</td>
</tr>
<tr>
<td>MODEL</td>
</tr>
<tr>
<td>OUTPUT TYPE</td>
</tr>
<tr>
<td>NUMBER OF CYLINDERS</td>
</tr>
<tr>
<td>MAXIMUM SPEED</td>
</tr>
<tr>
<td>STARTING SYSTEM</td>
</tr>
</tbody>
</table>
ARMA MILITARY GENERATOR 25 KVA

ARMA – G255

- Reduced size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refilling fuel tank
- 3 Year limited warranty

**GENERAL FEATURES**

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<th>TYPE</th>
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<td>25 KVA</td>
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<td>CONTINUOUS POWER</td>
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<td>FREQUENCY</td>
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<td>COOLING SYSTEM</td>
<td>Water Cooled</td>
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<tr>
<td>VOLTAGE PHASE</td>
<td>3 Phase</td>
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<tr>
<td>CONNECTION TYPE</td>
<td>RS422 - TCP / IP-Canbus</td>
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<tr>
<td>SOUND LEVEL</td>
<td>64 dB @7 Meters</td>
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<td>WEIGHT</td>
<td>1000 KG</td>
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<td>STORAGE TEMPERATURE</td>
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<td>FUEL TYPE/CAPACITY</td>
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<td>BATTERY CAPACITY</td>
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<tr>
<td>DIMENSION (L x W x H)</td>
<td>2001±5x600±5x1107±5 mm</td>
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**CERTIFICATIONS**

- ENVIRONMENTAL SPECIFICATION: MIL-STD-810G
- EMI/RFI SPECIFICATIONS: MIL-STD-461F

**ENGINE SPECIFICATION**

- ENGINE: Kubota
- MODEL: V1505T
- OUTPUT: 33 kW
- TYPE: Water Cooled Vertical Diesel Engine
- NUMBER OF CYLINDERS: 4
- MAXIMUM SPEED: 3000 RPM
- STARTING SYSTEM: Electric Start / 24V

**DIMENSIONS**

- 2001 mm x 600 mm x 1107 mm

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information
ARMA MILITARY GENERATOR 25 KVA

**ARMA – G25MS**

- Reduced size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refiling fuel tank
- 3 Year limited warranty

**GENERAL FEATURES**

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<tr>
<th>TYPE</th>
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<tr>
<td>POWER STAND BY</td>
<td>25 KVA</td>
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<tr>
<td>CONTINUOUS POWER</td>
<td>20 KVA</td>
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<tr>
<td>FREQUENCY</td>
<td>50 Hz</td>
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<td>COOLING SYSTEM</td>
<td>Water Cooled</td>
</tr>
<tr>
<td>VOLTAGE PHASE</td>
<td>3 Phase</td>
</tr>
<tr>
<td>CONNECTION TYPE</td>
<td>RS422 - TCP / IP-Canbus</td>
</tr>
<tr>
<td>SOUND LEVEL</td>
<td>64 dB @7 Meters</td>
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<td>WORKING TEMPERATURE</td>
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<tr>
<td>STORAGE TEMPERATURE</td>
<td>-40 / +60 °C</td>
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<tr>
<td>FUEL TYPE/CAPACITY</td>
<td>Diesel / 8.6 LT / H</td>
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<tr>
<td>BATTERY CAPACITY</td>
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<tr>
<td>DIMENSION (L x W x H)</td>
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**ENGINE SPECIFICATION**

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<tr>
<td>TYPE</td>
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<td>NUMBER OF CYLINDERS</td>
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<td>MAXIMUM SPEED</td>
<td>3000 RPM</td>
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<tr>
<td>STARTING SYSTEM</td>
<td>Electric Start / 24V</td>
</tr>
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</table>

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information
### ARMA MILITARY GENERATOR 80 KVA

**ARMA – G80S**

- Reduced size, weight and noise
- Advanced digital control panel to extend performance control and diagnostic data
- Silent Generator
- Safety shutdowns for all critical situations
- Auto overload protection
- Comes fully equipped with harnesses, control panel, sound enclosure and remote fuel pump, lifting equipments.
- External fuel pump for refiling fuel tank
- 3 Year limited warranty

#### GENERAL FEATURES

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<thead>
<tr>
<th>TYPE</th>
<th>Mounted / Rail</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER STAND BY</td>
<td>80 KVA</td>
</tr>
<tr>
<td>CONTINUOUS POWER</td>
<td>62.5 KVA</td>
</tr>
<tr>
<td>FREQUENCY</td>
<td>50 Hz</td>
</tr>
<tr>
<td>COOLING SYSTEM</td>
<td>Water Cooled</td>
</tr>
<tr>
<td>VOLTAGE PHASE</td>
<td>3 Phase</td>
</tr>
<tr>
<td>CONNECTION TYPE</td>
<td>RS422 - TCP / IP-Canbus</td>
</tr>
<tr>
<td>SOUND LEVEL</td>
<td>64 dB @7 Meters</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>2000 KG</td>
</tr>
<tr>
<td>WORKING TEMPERATURE</td>
<td>-32 / +55 °C</td>
</tr>
<tr>
<td>STORAGE TEMPERATURE</td>
<td>-40 / +60 °C</td>
</tr>
<tr>
<td>FUEL TYPE/CAPACITY</td>
<td>Diesel / 23 LT / H</td>
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<tr>
<td>BATTERY CAPACITY</td>
<td>120 AH @12V 2 PCS</td>
</tr>
<tr>
<td>DIMENSION (L x W x H)</td>
<td>2399±5x1066±5x1848±5 mm</td>
</tr>
</tbody>
</table>

#### DIMENSIONS

- **Mounting Rail**: 2399 mm x 1848 mm x 1066 mm

#### ENVIRONMENTAL SPECIFICATION

**EMI/RFI SPECIFICATIONS**

- MIL-STD-810G
- MIL-STD-461F

#### CERTIFICATIONS

**ENVIRONMENTAL SPECIFICATION**

**EMI/RFI SPECIFICATIONS**

**ALTERNATOR SPECIFICATION**

<table>
<thead>
<tr>
<th>OUTPUT</th>
<th>110 KVA</th>
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<tbody>
<tr>
<td>PROTECTION</td>
<td>IP23</td>
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<tr>
<td>VOLTAGE ACCURACY</td>
<td>± 2.5% V</td>
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<tr>
<td>ISOLATION CLASS</td>
<td>H</td>
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<tr>
<td>MAXIMUM SPEED</td>
<td>1500 RPM</td>
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#### ENGINE SPECIFICATION

<table>
<thead>
<tr>
<th>ENGINE</th>
<th>Perkins</th>
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<tbody>
<tr>
<td>MODEL</td>
<td>44TAG2</td>
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<tr>
<td>OUTPUT</td>
<td>101.2 kW</td>
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<tr>
<td>TYPE</td>
<td>Water Cooled Vertical Diesel Engine</td>
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<tr>
<td>NUMBER OF CYLINDERS</td>
<td>6</td>
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<tr>
<td>MAXIMUM SPEED</td>
<td>1500 RPM</td>
</tr>
<tr>
<td>STARTING SYSTEM</td>
<td>Electric Start / 24V</td>
</tr>
</tbody>
</table>

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**GENERATOR EQUIPMENTS**

### REMOTE CONTROL UNIT (DUAL/SYNCHRONOUS GEN)
- Interface Display for the Operator
- TCP/IP socket communication
- Built-In-Test (BIT) capability
- Supply source information (Gen-1, Gen-2 or AC Mains)
- Auto overload protection
- Low engine oil level / pressure Indicator
- Low fuel level Indicator
- High engine temperature Indicator
- 220 VAC (Voltage and Frequency is normal or not) Indicator
- Pre-heating Indicator

### REMOTE CONTROL UNIT (SINGLE GEN)
- Reduced size, compact design
- Advanced digital control panel to extend performance control and diagnostic data
- AC Low/High Voltage, Frequency, Over Current Indicator
- Battery Low Voltage, Charging Fault Indicator
- Radiator Low Water Fault Indicator
- Display Led Mode Selection
- Auto/Manual Start
- Glow and Self Start
- USB Communication Socket

### TRANSFER UNIT
- Mode (A-Automatic/M-Manuel/T-Test) selection for each generator
- Duty time selection (4 position switch for 1 hour, 2 hours, 4 hours, 8 hours)
- Emergency stop button (that shuts down all the generators and the ACTC)
- Supply source (AC Mains, Gen-1 or Gen-2) available display
- Auto overload protection
- Wrong Phase Sequence indication (for both Generators and AC Mains voltages)
- Automatic stop and warning with sound and light in case of low or high voltage of AC Mains.

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ARMA MILITARY GENERATOR 10 KVA

ARMA – P10

- Reduced, weight and noise
- Small & compact power units with hydraulic units and air conditioner can be mounted to the vehicles in the case of space limitation on the vehicle. To preserve space usage inside the vehicle, PTO output or diesel engine systems are added. All added power unit of the Nero Industry power units are MIL-STD 461F and MIL-STD 810G Certified.
- 3 Year limited warranty

GENERAL FEATURES

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Mounted</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTINUOUS POWER</td>
<td>10 kVA</td>
</tr>
<tr>
<td>FREQUENCY</td>
<td>50 Hz</td>
</tr>
<tr>
<td>VOLTAGE PHASE</td>
<td>3 Phase</td>
</tr>
<tr>
<td>CONNECTION TYPE</td>
<td>CA3102E24-22SYB</td>
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<tr>
<td>WEIGHT</td>
<td>70 Kg</td>
</tr>
<tr>
<td>WORKING TEMPERATURE</td>
<td>-32 / +55 °C</td>
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<tr>
<td>STORAGE TEMPERATURE</td>
<td>-40 / +60 °C</td>
</tr>
<tr>
<td>PROTECTION LEVEL</td>
<td>IP54</td>
</tr>
<tr>
<td>TRANSIENT VOLTAGE</td>
<td>&lt; ± 15%</td>
</tr>
</tbody>
</table>

DIMENSIONS

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information
POWER DISTRIBUTION UNIT - PDU336

ARMA – PDU336

- PDU336 can ensure a balanced distribution of the forces on the vehicle and the different voltage supplied from outside the vehicle.
- Generator, External Power Supply, PTO Alternator, System Batteries, Vehicle Batteries, and The power transmitted from the DC Power Supply is transmitted over the fuses and deployed on the vehicle.
- It is resistant to corrosion for at least 10 years. The power distribution unit has a remote control infrastructure. PDU336 has RS-422 communication infrastructure. The lighting system is available also for night use.
- AC and DC power input-output can be provided via the power distribution unit. It includes an emergency response button to disable the system in case of emergency.

**GENERAL FEATURES**

<table>
<thead>
<tr>
<th>COMMUNICATION</th>
<th>RS422, RS485, CANBUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIMENSION (LXWXH)</td>
<td>556X368X502 MM</td>
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<tr>
<td>WEIGHT</td>
<td>55 KG</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-32 / +55 °C</td>
</tr>
<tr>
<td>STORAGE TEMPERATURE</td>
<td>-40 / +60 °C</td>
</tr>
</tbody>
</table>

**PANEL FEATURES**

- Panel Test Button
- Emergency Stop Button
- Power Supply Selection Switch
- Battery Select Switch
- Battery Charge Status LED Indicator
- GDU On / Off Switch
- Working Hours
- AC Volt Panel Meter
- AC Ampere Panel Meter
- Phase Select Switch
- Frequency Panel Meter
- DC Volt Panel Meter
- Bi-directional DC Ampere Panel Meter
- CIT Status Query Button
- AC/DC Measuring Born Jack
- (Red / Green) CIT LED Indicator

**DIMENSIONS**

- 368 mm
- 502 mm
- 556 mm

**CERTIFICATIONS**

- MIL-C-38999 Military Connector
- MIL-DTL-27500 Specially Protected and Unshielded Cables
- MIL-STD-461E Military Electromagnetic Compatibility
- MIL-STD-810G Military Environmental Conditions
- MIL-STD-1275E 28 VDC Countermeasures
- STANAG 4135AC AC Current Characteristics

**STANDARDS**

- ISO 9001 2015 Military Connector
- ISO 14001 2008 Specially Protected and Unshielded Cables
- ISO 27001 2013 Military Electromagnetic Compatibility
## POWER DISTRIBUTION UNIT - PDU336

### ARMA – PDU336

#### SOFTWARE FEATURES

<table>
<thead>
<tr>
<th>Processor</th>
<th>ARM CORTEX M4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>100 MHz</td>
</tr>
<tr>
<td>Memory</td>
<td>512 KB Flash</td>
</tr>
<tr>
<td></td>
<td>128 KB Ram</td>
</tr>
<tr>
<td>Interfaces</td>
<td>UART RS-422</td>
</tr>
<tr>
<td></td>
<td>ADC Analog Input</td>
</tr>
<tr>
<td></td>
<td>I/O Separate Input/Output</td>
</tr>
<tr>
<td></td>
<td>I2C I/O Multiplexer</td>
</tr>
<tr>
<td></td>
<td>SPI AC Measurement</td>
</tr>
<tr>
<td></td>
<td>CANBUS (2 PORT)</td>
</tr>
<tr>
<td>Programming Language</td>
<td>C Programming Language</td>
</tr>
<tr>
<td>Programming Standard</td>
<td>ISO C 89/99</td>
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</tbody>
</table>

#### ELECTRICAL FEATURES

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>16V - 32V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Distribution</td>
<td>AC-AC/DC-DC</td>
</tr>
<tr>
<td>Distribution Voltage</td>
<td>AC-DC/DC-AC</td>
</tr>
<tr>
<td>Output Current</td>
<td>12V/24V/220V/380V</td>
</tr>
<tr>
<td>Power Distr. Key Number</td>
<td>1, 3, 40</td>
</tr>
<tr>
<td>Circuit Breaker Type</td>
<td>2A - 200A</td>
</tr>
<tr>
<td>Usage Area</td>
<td>Military Land, Naval, AirVehicles</td>
</tr>
<tr>
<td>Input / Output Protection Circuit</td>
<td>Filtration, Thermal-Magnetic, Circuit Protectors</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40° C +70° C</td>
</tr>
<tr>
<td>Remote Command Feature</td>
<td>CANBUS, RS422</td>
</tr>
</tbody>
</table>

### LIGHTING MODE VIEW

### POWER DISTRIBUTION / SWITCHING UNIT OVERVIEW

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information.
The modular design, easy repair, and maintenance are designed to be made.

The inner and outer surfaces are made of crack and corrosion resistant material.

It is resistant to corrosion for at least 10 years.

PSU336 has RS-422 communication infrastructure.

The lighting system is available also for night use.

PSU336 has handles for convenient transportation.

It includes an emergency response button to disable the system in case of emergency.

**GENERAL FEATURES**

**COMMUNICATION**
- RS422, RS485, CANBUS

**DIMENSION (LXWXH)**
- 430X117X260 MM

**WEIGHT**
- 5 KG

**OPERATING TEMPERATURE**
- -32 / +55 °C

**STORAGE TEMPERATURE**
- -40 / +60 °C

**PANEL FEATURES**
- Information display
- GAP On / Off Switch and Led
- Active Unit Select Switch and LEDs
- Generator Start / Stop Button
- Emergency Stop Button
- Emergency Stop LED Indicator
- Alarm Reset Button
- Generator LED Indicator
- PTO Alternator LED Indicator
- Panel Test Button
- Working Hours
- System Battery LED (Green) Indicator
- Vehicle Battery LED (Green) Indicator
- Vehicle Battery Charge Status LED (Red) Indicator
- System Battery Charging Status LED (Red) Indicator
- CIT status query button
- Open / Close Buttons (Lower System Number)
- AllOpen / Close Button

**CERTIFICATIONS**

- MIL-C-38999 Military Connector
- MIL-DTL-27500 Specially Protected and Unshielded Cables
- MIL-STD-461E Military Electromagnetic Compatibility
- MIL-STD-810G Military Environmental Conditions
- MIL-STD-1275E 28 VDC Countermeasures
- STANAG 4135AC AC Current Characteristics

**STANDARDS**

- ISO 9001 2015 Military Connector
- ISO 14001 2008 Specially Protected and Unshielded Cables
- ISO 27001 2013 Military Electromagnetic Compatibility
20 kW Special Auxiliary Power unit is designed to meet Military standards and the necessary 24 hours power supply to the command control vehicles. The system is operated by a diesel engine and the peripherals. To minimize the attendance of an operator the system is controlled by multiple sensors and transducers, therefore stabilizes continuous operation. The system provides the complete system battery power, air conditioning system and hydraulic system power requirements.

**General Information About the Engine**

The Perkins® 400 Series engine family continues to set new standards in the compact engine market. Developed side by side with the customers to fulfill their power generation and compressor needs in the agricultural and general industrial markets.

APU Engine provides compact power from 4 cylinders diesel engine is designed to provide economic and durable operation during prime and standby duties, hitting the key power nodes required by the customer.

The APU Engine is a powerful but quiet 2.2 liter naturally aspirated 4-cylinder compact package. Design features on the APU Engine ensures clean rapid starting in all conditions whilst delivering impressive performance with low operating costs in a small, efficient package size.

APU system is equipped with 8 kW A/C Compressor system, system is equipped with low pressure and high pressure switches to protect the engine and compressor system, system triggers the A/C compressor according to engine temperature, direct request from A/C system and A/C system pressure conditions. There is a direct digital connection between A/C controller and APU Controller when an input is received from the AC Controller APU engine starts and prepares itself for AC operation.
When there is no need of A/C and Hydraulic oil pressure and 24VDC, the APU engine is programmed to shut off in 12 minutes time.

The system checks the low and high oil pressure conditions and powers the hydraulic oil pump accordingly to the need of the oil pressure in the hydraulic system.

When the battery voltage drops below the 24.5VDC the system automatically starts itself for charging the system batteries and supplying power to the system.

The APU maintenance hatch is specifically designed to be protected from any fire occurrences.

The APU system has a superior cooling performance which is designed for desert and high humidity conditions.

The system has a special exhaust system to reduce the noise and increase the stability of the auxiliary power unit with double wall design.

APU engine and the vehicle both use the same fuel supply. APU system constantly measures the fuel level for vehicle’s safe return and automatically shuts-off the engine when necessary. After the engine shuts-off the system can be restarted by the operator, in case there is an emergency situation. However, overriding the auto shot-off may result in vehicle completely running out of fuel.
ARMA MILITARY AUXILIARY POWER UNIT - A20K

**ENGINE SPECIFICATION**
- **ENGINE**
  - Model: PERKINS 404D22G
- **OUTPUT**
  - 20.3 kW
- **TYPE**
  - Water Cooled Vertical Diesel Engine
- **NUMBER OF CYLINDERS**
  - 4
- **MAXIMUM SPEED**
  - 1500 RPM
- **STARTING SYSTEM**
  - Electric Start / 24V

**TECHNICAL FEATURES**
- 28VDC 300 AMPS Alternator Output
- Hydraulic Power Output
- Air Conditioning Power Output
- Special Desert Cooling Designed Coolant Pack
- Auxiliary Power Unit Compartment Cooling
- Controller Box with Graphic LCD LED Monitor
- Communication with Hydraulic System
- Communication with Air Conditioning Controller
- Fire Suppression System
- Solid State Relay Box
- Maintenance Door Protection Switches
- Hermetic Through Bulk Head Connector
- Ambient Temperature Sensor For Temperature Control
- Vehicle Fuel Measurement
- Current Measurement up to 300 Amps
- Audible 85 dB Buzzer For Warning

**OUTPUT VOLTAGE**
- 28 VDC

**POWER CONTINUOUS**
- 20 kW

**FREQUENCIES**
- 50 Hz

**CONTINUOUS POWER**
- 8 kW

**MAX AMPER**
- 300 A

**HYDRAULIC**
- 9.1 (cc / Cyle) - 250 Bar

**WEIGHT**
- 350 Kg

**WORKING TEMPERATURE**
- -32 / +55 °C

**STORAGE TEMPERATURE**
- -40 / +60 °C

**TRANSIENT VOLTAGE**
- < ± 15%

**ALTERNATOR SPECIFICATION**
- **OUTPUT**
  - 8 kW
- **PROTECTION**
  - IP23
- **VOLTAGE ACCURACY**
  - ± 2.5% V

**DIMENSIONS**
- Length: 3190 mm
- Width: 875 mm
- Height: 1190 mm

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information.
1. **POWER BUTTON**: When pressed for 3 seconds auxiliary power unit starts. When the auxiliary power unit is operational press 3 seconds to shut down the engine.

2. **EMERGENCY BUTTON**: Emergency shut down button instantly shuts down the engine.

3. **OK BUTTON**: The menu button accepts the changes or fault messages.

4. **C Button**: The menu button cancels the actions or fault messages.

5. **UP BUTTON**: The menu button to go up.

6. **LEFT MENU BUTTON**: The menu button to go left.

7. **DOWN MENU BUTTON**: The menu button to go down.

8. **RIGHT MENU BUTTON**: The menu button to go right.

9. **POWER LED**: Generator is running.

10. **AUTO LED**: Generator is auto mode.

11. **FAULT LED**: Generator has fault.

---

**MAIN SCREEN**

- **MODE**: Shows which mode is active for the APU system.
- **STATUS**: Shows if there is any fault or not.
- **ENGINE**: Shows the engine status.
- **ENGINE TEMP**: Shows the engine temperature.
- **A/C**: Shows if the AC System is on or off.
- **DC Power**: Shows if there is a need for DC power.
- **Battery**: Shows the DC battery Voltage.
- **Fuel**: Shows the fuel level of the vehicle.
- **HRS**: Shows the operating hours of the engine.
Engine system is designed to be maintained easily. The engine operation period is 250 hours even at the most harsh environments.

**OPERATION MODES**
- When the battery voltage drops under 24.5 Volts
- When the AC system is on
- When the hydraulic pressure is low

**AUTOMATIC SHUTDOWN MODES**
- Battery charging (Battery consumption lower than 20 Amps)
- Hydraulic pressure is nominal
- AC is off
- If all of the above indications are present then the auxiliary power unit shuts down itself in 12 minutes

**PERIPHERAL ITEMS AND CONNECTIONS**
- Through Bulk Head Connection
- Maintenance Hatch Connection
- Reverse Light Connection
- Fuel Level Transmitter Connection
- Current Transducer
- AC Low Pressure Sensor
- AC Clutch
- AC High Pressure Sensor
- Glow Plug
- Relay Box
- Starter Motor
- Engine Temperature Transducer
- Engine High Coolant Temperature Switch
- Engine Grounding Connection
- Stop Solenoid
- Oil Pressure
- Maintenance Hatch Connection
- Air Intake Filter High Pressure Switch
- Fan Speed Controller Connection
ARMa MILITARY AUXILIARY POWER UNIT - A20F

**TECHNICAL FEATURES**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>OUTPUT VOLTAGE</td>
<td>24 VDC</td>
</tr>
<tr>
<td>CONTINUOUS POWER</td>
<td>20 kW</td>
</tr>
<tr>
<td>FREQUENCIES</td>
<td>50 Hz</td>
</tr>
<tr>
<td>HYDRAULIC POWER</td>
<td>12 kW</td>
</tr>
<tr>
<td>MAX AMPER</td>
<td>300 A</td>
</tr>
<tr>
<td>HYDRAULIC</td>
<td>9.1</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>280 Kg</td>
</tr>
<tr>
<td>WORKING TEMPERATURE</td>
<td>-32 / +55 °C</td>
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<tr>
<td>STORAGE TEMPERATURE</td>
<td>-40 / +60 °C</td>
</tr>
<tr>
<td>TRANSIENT VOLTAGE</td>
<td>&lt; ± 15%</td>
</tr>
</tbody>
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**ALTERNATOR SPECIFICATION**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>OUTPUT</td>
<td>8 KW</td>
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<tr>
<td>PROTECTION</td>
<td>IP23</td>
</tr>
<tr>
<td>VOLTAGE ACCURACY</td>
<td>± 2.5% V</td>
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</table>

**APU SYSTEM IMAGE**

**ENGINE SPECIFICATION**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>ENGINE</td>
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<tr>
<td>MODEL</td>
<td>V1505T</td>
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<tr>
<td>OUTPUT</td>
<td>33 kW</td>
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<tr>
<td>TYPE</td>
<td>Water Cooled Vertical</td>
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<tr>
<td>Diesel Engine</td>
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</tr>
<tr>
<td>NUMBER OF CYLINDERS</td>
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<tr>
<td>MAXIMUM SPEED</td>
<td>3000 RPM</td>
</tr>
<tr>
<td>STARTING SYSTEM</td>
<td>Electric Start / 24V</td>
</tr>
</tbody>
</table>

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information
Engine system is designed so that easy maintainability is one of the first conditions. The engine operation period is 250 hours at even most harsh environments.

**OPERATION MODES**
- When the battery voltage drops under 24.5 Volts
- When the AC system is on
- When the hydraulic pressure is low

**AUTOMATIC SHUTDOWN MODES**
- Battery charging (battery consumption lower than 20 Amps)
- Hydraulic pressure is nominal
- AC is off
- If all of the above states are steady then the auxiliary power unit shuts down itself in 12 minutes

**MAINTAINABILITY OF THE SYSTEM**

**PERIPHERAL ITEMS AND CONNECTIONS**
- Through Bulk Head Connection
- Maintenance Hatch Connection
- Reverse Light Connection
- Fuel Level Transmitter Connection
- Current Transducer
- AC Low Pressure Sensor
- AC Clutch
- AC High Pressure Sensor
- Glow Plug
- Relay Box
- Starter Motor
- Engine Temperature Transducer
- Engine High Coolant Temperature Switch
- Engine Grounding Connection
- Stop Solenoid
- Oil Pressure
- Maintenance Hatch Connection
- Air Intake Filter High Pressure Switch
- Fan Speed Controller Connection
ARMA MILITARY AUXILIARY POWER UNIT CONTROL PANEL - A20F

1. **A/C CLUTCH**: The air conditioning system cannot be started while the corresponding LED is on.

2. **HYDRAULIC SOLENOID**: The corresponding LED light comes on when the hydraulic solenoid is activated.

3. **HYDRAULIC FAN PWM**: Hydraulic LED speed decreases as the fan speed increases.

4. **RADIATOR FAN PWM**: The corresponding LED light level decreases while radiator fan speed increases.

5. **EMERGENCY STOP**: The corresponding LED lights if any of the emergency stop buttons are active.

6. **HIGH ENGINE COOLANT TEMP**: The corresponding LED lights when the engine water temperature is high.

7. **LOW OIL PRESSURE**: The corresponding LED lights when the engine oil pressure is low.

8. **HIGH CABIN WATER LEVEL**: The corresponding LED lights when there is no water in the cab. If there is water, it goes out.

9. **AIR FILTER CLOGGING**: The corresponding LED is lights if the air filter is clogged.

10. **LOW RADIATOR WATER LEVEL**: The corresponding LED lights when there is no water in the radiator. If there is water, it goes out.

11. **FSS ALARM**: The corresponding LED is lights when the event of an alarm in the APU engine compartment.

12. **WATER IN FUEL FILTER**: The corresponding LED lights when the water level in the fuel water filter increases.

**FUSE BOX**

18. **ACT**: The fuse of Actuator.

19. **FUEL PUMP**: The fuse of Fuel Pump.

20. **STARTER ENGINE**: The fuse of Starter Engine.

21. **GLOW**: The fuse of Glow.

**SOCKET**

22. **DIAGNOSTIC**: Software installation socket.

**LEDS**

**BUTTONS**

13. **EMERGENCY STOP**: When pressed, the emergency button is activated.

14. **MANUAL ACTUATOR**: The Actuator operates as long as it is kept pressed.

15. **MANUAL FUEL PUMP**: The Fuel Pump operates as long as it is kept pressed.

16. **MANUAL START**: The Starter Motor operates as long as it kept pressed.

17. **MANUAL GLOW**: The Glow operates as long as it kept pressed.

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ARMA MILITARY AUXILIARY POWER UNIT CONTROL PANEL - A20F

AUXILIARY POWER UNIT REMOTE CONTROLLER

FUSE BOX

1. **START / STOP**: Runs or stops the APU.
2. **MENU UP**: If pressed on the home screen, the error list is displayed. Go to the top page in the menu.
3. **MENU DOWN**: Switches between pages if pressed on the home screen. Go to the sub-page in the menu.
4. **CANCEL**: Pressing the BIT button for 5 seconds will switch to manual override mode.
5. **BIT**: Pressing the BIT button for 5 seconds will switch to manual override mode.
6. **EMERGENCY STOP**: The APU is stopped immediately. The APU is prevented from working.

LEDS

7. **APU ON**: Not Working Off, Glow Yellow, Normal Operation Green, Stopping Yellow Engine Does Not Start Red
8. **BIT OK**: BIT lights up red if the test fails. It goes out when the Cancel button is pressed.
9. **FAULT**: Lights up red if there are any errors in the system. When the Cancel button is pressed, the error goes off.

LCD SCREENS

1. Working Hours
2. DC Voltage
3. Hydraulic Temperature
4. Vehicle Engine Condition
5. Fuel Level
6. DC Current
7. APU Engine Operating Status

ERROR LIST DISPLAY

1. Fault List Numbers
2. Fault List Numbers With Error Codes

For current information please contact us info@neroindustry.com - Nero Industry has the right to change the information.
AC / DC CONVERTER

**ARMA – R28100**

- Nero Industry design 3 Phase AC/DC Converter with effective battery charging property can be used in wide range area from military platforms to also civilian use. The converter has smart charging property provide optimum power to electrical equipments. Effective battery usage and power consumption are realized with the Nero AC/DC Converters.

- AC/DC Converter monitors battery voltage level and drawn current value are monitored continuously and it provides continuous voltage and current that components need. Nero AC-DC Converters manages battery automatically when vehicle ignition switch is off or if connected to mains, network switch is in off position. It also senses the ambient temperature and converter adjusts the charging current automatically and it improves battery life. Convertor unit case is made from corrosion resistive, chromate coated aluminum material.

**GENERAL FEATURES**

“Smart” circuitry provides three stage charging—bulk, absorption, float.

- Wide model range covers battery system ratings from 40-200 Amperes
- Multiple isolated output banks: ammeter indicates total output current.
- Optional sensor adjusts output voltage based on battery temperature.
- Current limiting—prevents damage from overloading.
- Charger status clearly displayed with controller box.
- Built to chromate coated aluminum case.
- Numerous Safety and EMI-EMC Compliances
- Two year parts and labor warranty

Visual and voiced alert for:

- High Voltage Error,
- Short Circuit Error,
- Battery Charging Error

Automatic stop when engine starts.

Optional military type connection wires

Black-out mode

Military type connectors

- 110 db Buzzer
- MIL STD 810G Tested
- MIL STD 1275E Tested
- MIL STD 461G tested
- MTBF time 120,000 hour
- Remote Controller with CANBUS
- R28100 Analog and CANBUS Output
- Weight : 12.6 Kg

**DIMENSIONS**

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>309 mm</th>
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<tbody>
<tr>
<td>154 mm</td>
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**INTEGRATES**

- Digital readout of float voltage to 1/10th volt
- Output float voltage adjustment pot: permits fine tuning from -4% to +5%
- AC circuit breaker: provides overcur rent protection and manual disconnect
- AC power ON indicator light
- 10’ wiring harness for easy connection of R28100 Series charger

**Typical Charge Curve**

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STANDARDS & CERTIFICATIONS
Nero Industries is certified according to
ISO 9001: 2015
ISO 14001: 2008
ISO 27001: 2013
Facility Security Clearance Certificate

LABORATORY INFRASTRUCTURE
From scratch to final product’s complete design, manufacturing, testing according to
MIL-STD 810
MIL-STD 461
MIL-STD 1475E
at Nero Industries

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