

## CUSTOMIZED PRODUCTS BY ASPOWER



### Customized Power Supplies;

Since its establishment, AS POWER has been manufacturing customized power supplies to the customer specifications. Nowadays, It's extensively needed non-standard and easy-inaccessible AC and DC power supplies especially in defense industry and electricity generation acilities where auxiliary power sources needed. These electronic power supplies of which specifications prepared by our customers entirely including their own unique demands, are projected being carefully examined by AS POWER R&D Department and resulted in a design-to-one matching to the speci cations. The production department of Aspower manufactures and presents these designs to the customer's use by the latest technology complying with the requirements of ISO 9001 quality management system. Aspower service technicians taking the necessary training in the post-production services, fulfi ll the most secure aftersales service to customers whenever needed.

All type of power electronics technologies available in the world, are easily used in our company and not hold back executing and implementing the newest technologies in need. In this context, the designs and the devices by ASPOWER include: inverters, rectifiers, static converters and UPSs for the requirements of Land Forces, Naval Forces and Air Forces in Turkish Armed Forces, Battery Charging Rectifiers for power plants and electricity distribution companies, Inverters for the State Railways and wide variety of products for different projects such as these.

### 28 Vdc-2000 A Rectifier for Helicopters

This rectifier is designed for Turkish Army Forces and can be used as fixed or portable. This device can supply up to 2000 A Direct Current which is startup DC energy of helicopter for at least 20 seconds at 28 Vdc.



### Submarine Frequency Converter

This converter is produced according to the Military standards and provides different AC Output Voltages at different frequencies in only one cabinet. Converter can resist against to the very high shock and vibration values which are usual for Navy due to very rugged and strong chassis

### 800 kVA Mobile UPS

This unit was designed according to Military Standards for Military Purposes. It includes Industrial Air Conditioning System. This system can be used as fixed or mobile.



## RUGGED TRUCK MOUNTED MILITARY SHELTER WITH 300 KVA UPS

ASPOWER Mobile Uninterruptible Power Supply is designed and manufactured according to military standards and is used to supply high power systems working at field. It is composed 300 kVA UPS, Industrial Air Condition System, Cabin and Semi-Trailer. It can work in hard environmental conditions. System is equipped with air conditioning to work at temperature between -25°C and +45°C. Cabin carried by the trailer can be used as mobile or fixed unit by placed in the platform. The system can be carried on 30% gradient asphalt and stabilize road and safety brakes can fix the whole system on %30 gradient.



### AS 3300 MODEL UPS

Apparent Power	300 kVA
Active Power	240 kW
Input Voltage	380 Vac $\pm$ %20 3 Ph+N+PE
Input Frequency	47 - 53 Hz
Output Voltage	380 Vac $\pm$ %1 (Online Mod)
Output Frequency	50 Hz
Efficiency	93%
Battery Quantity	180
Backup Time	10 min.
Communication	Modem, SNMP (Optional)
Technology	Online, Double Conversion, Transformerless, High Frequency PWM
Standards	EN62040-1, EN62040-2, EN62040-3

### CABINET

Material	3 mm. Steel (EN 10130 Compliant)
Protection Class	IP 55
Protection	Surge, Vibration, Rain, Corrosion
Internal Lightning	400 Lux
Color	Olive Green
Dimensions	2450 x 7280 x 2400 mm
Weight	Empty : 3500 kg, Full : 9100 kg.

### SEMI TRAILER

Material	ST-52 Steel
Max. Carrying Capacity	18 ton
Suspension System	Air Type
Braking System	Air Type
Max. Speed (Secured)	60 km/h
Color	Olive Green
Dimensions	2500 x 7280 x 1600 mm
Weight	4400 kg

### INDUSTRIAL AIR CONTION SYSTEM

Total Capacity	26.6 kW
SHR	0.89
EHR	3.41
Compressor Quantity	1
Fan Quantity	1
Air Circulation	5750 m3/h
Max. ESP	270/270 Pa
Acoustic Noise	54.4 dBA