

# MP110 for Israel Defense Forces (IDF)

The IDF was in need of a UPS that would be suitable for use in moving vehicles and in the field. The UPS needed to be able to withstand extreme environmental conditions and meet strict military standards related to emissions. Gamatronic customized a UPS that was able to meet all of the Signal Corp's needs:

Signal Corp's Issues	Gamatronic's Solution
Extreme environmental conditions - dust, dirt, rain, splatter, heat, cold	High degree of cabinet protection - IP65 Complies with EMI: EN-55022-Class B; Safety regulation EN 500091-1; Military specifications MIL-STD 810 tested, MIL-STD 461 tested
Zero tolerance for electromagnetic and RFI emissions	Shock absorbers were designed in the external cabinet of the UPS
Shocks and vibrations	Small, light, modular; carrying handles - can be carried by two people
Easy to transport and carry	
Extended power needs	Extended backup time

<b>CAPACITY</b>	<b>1.5kVA/900W</b>
<b>INPUT</b>	230Vac Frequency 50Hz/60Hz
<b>OUTPUT</b>	230Vac 50Hz/60Hz
<b>DIMENSIONS</b>	Height 17cm Width 39 cm Depth 42 cm Weight (without batteries) 34Kg
<b>STANDARDS</b>	UPS standard: EN60950 General and safety: EN5009-1 EMC: EN50091-1, EN50091-2, EN50081-1, EN50082-1 Vibration: EN55022 Class B MIL-STD 810E, Method 514, 4 Cat 3, Table 514-4-AH



The MP110-IDF 1500VA may be fitted with an additional external rugged casing for better protection



Front panel



Back panel