



TACTICAL POWER SOLUTIONS

IRIS FUEL CELL SERIES

PORTABLE FUEL CELLS FOR DISMOUNTED OPERATIONS

- No detectable signature
- Increasing sustainability
- Automatically supplies power for multi-day missions



RELIABLE POWER SUPPLY WITH MASSIVE WEIGHT SAVINGS

Modern task forces require a portable, reliable energy supply. Missions can take from several days to several weeks. In order to supply power reliably to soldiers' technical equipment, a huge amount of batteries had to be carried along.

Iris Fuel Cell series portable fuel cells can charge batteries or directly supply power to electrical devices in the field silently and fully automatically.

The advantages of the systems are a significant reduction in the number of batteries soldiers need to carry, a nearly undetectable noise and heat signature, and maintenance-free operation.

Therefore, soldiers can equip themselves with the minimum of batteries and carry additional food, water, and ammunition,

Three to four 350 ml fuel cartridges contain enough capacity for 72 hours of deployment. This means up to 80 per cent of battery weight can be saved.

IRIS FUEL CELLS	600S	1200
Charging power per day	600 Wh	1200 Wh
Rated power	25 W	50 W
Output voltage	10 - 30 V DC	10 - 30 V DC
Weight	3.7 lbs / 1.7 kg	7.3 lbs / 3.3 kg
Dimensions L x W x H	7.2 x 2.9 x 9.9 in 184 x 74 x 252 mm	8.4 x 3.8 x 10.4 in 214.5 x 96 x 264 mm