

## 700 Watt Heavy Fuel Squad Battery Charger



Objective	700 Watt Hybrid Power System for a Squad of Soldiers
Basis	D-STAR 1.3 hp Micro-Diesel Engine
Fuel Usable	JP-8 + 2-stroke oil, No Volatile Additives
Output	Switch-able 28 V DC, 110 V AC, 400 Hz AC
Power Goal	700 Watts Peak / 600 Watts Max. Continuous
Power Demonstrated	735 Watts on Test Bench and in Mild Field Conditions
Comments	<b>Achieved Better Power and SFC than Performance Goals. Two Prototypes Delivered to the U.S. Government. Undergoing Testing by the Government.</b>