



APPENDIX A Revision A		TRAILER MOUNTED SUPPORT SYSTEM PRODUCT DATA SHEET	
Company		DHS Systems LLC	
Part Number or NSN		1005101	Model: HP-4/338, Desert Tan, Analog
Specifications as applicable			
Safety and Mobility Certification by Military Test Center			
Trailer			
Stowage Components included with trailer	NA		
Cargo Volume Stowage, For shelter and accessory components In cubic feet	140 cu. ft.		
Physical Dimensions for trailer	6.5 ft H		
Height	7.2 ft W		
Width	19 ft L		
Length			
Recommended Prime Mover Vehicle	LMTV	Required tow vehicle capable of towing 6,500 lb GVW trailer	
Empty GWW	4,737 lb.		
Tongue Weight	302 lb.		
Tire Type and Size	Radial	Two 37 x 12.50 x 16.5 LT Goodyear Wrangler R/T II, Load Rating C bias ply, run-flat tires	
Fuel Tank Capacity	26 gal.		
Generator			
Nominal Output in kW, Volts AC, Hertz, Phase	33kW	120/208VAC, 60 Hz, 3-Phase.	
Operating Environment	All	Operating Range: -50 °F to +140 °F.	
Engine type	Diesel	Four cylinder, turbo-charged, liquid cooled, direct injection, 1800 RPM	
Fuel Type	Diesel	Can also use JP8 or JP5.	

Fuel Consumption (AC Compressor On) At 25% load At 50% Load At 75% Load at maximum output	NA NA NA 2.65 Gal/hr.	
Noise in DB at 25 feet (AC Compressor On) At 25% load At 50% load At 75% Load At maximum rated load	NA NA NA 76 dB	
Heater		
Nominal Output in BTU's	NA	
Electric Requirement Volts/Amps	NA	
Air Conditioning		
Maximum Cooling Capacity in BTU's	96,000 BTU	
Maximum Heat Output Capacity in BTU's	2 stage heat	92,000 BTU/hr electric heat. 80,000 BTU/hr fuel fired AUX heat.
Refrigerant Type	R-407C	
CFM Air Flow	3,000 CFM	
Air Duct Diameter	14 inch	Two 14 in. Supply, two 14 in. Return.
Power Requirements in kW, VAC, HZ, Phase	28kW	208 VAC, 60 Hz, 3-phase.
Special/Additional Features:	<p>The HP-4/338 Trailer provides three primary features for the end user of a larger DRASH shelter: cargo space, environmental control and electrical power. It has a 140 cubic foot cargo area, includes a 26-gallon fuel tank and comes with both a 33kW Genset and an 8-ton ECU.</p> <p>INCLUDES: 1 Drip Berm (T295188) 1 Trailer Electrical Set (T2-95220) 1 Trailer Push Package (TR20IS) 2 Supply Ducts (T291230) 2 Return Ducts (T291432) 1 Auxiliary Fuel Kit (T295180)</p>	