

HP-2C/358

35kW IPT Shelter Support Trailer



The HDT HP-2C/358 35kW Shelter Support Trailer includes heating and cooling, electric power and shelter / accessory storage in a HMMWV, JLTV, LMTV and FMTV towable, air transportable package. The system is optimized to provide ample electric power and environmental control under severe conditions and meets the EPA's lower Global Warming Potential (GWP) refrigerant mandate. The HP-2C/358 IPTV 4Trailer provides three primary features for the end user of a larger DRASH shelter: cargo space, environmental control and electrical power. It has a 77 cubic foot cargo area, includes a 42-gallon fuel tank and comes with both a 35kW Genset and an 8-ton ECU.

KEY FEATURES

- Load sharing parallel operations
- Hot swappable
- Automatic 10 kW load banks
- Automatic load shedding of load banks and then ECU when full power is required
- Wheels are interchangeable with HMMWV
- Easy to install insulated air ducts
- Two built-in storage boxes
- 4" (10.2 cm) fuel filler and fuel gauge at tongue in front containment box
- Quick connect aux fuel fittings for external fuel source
- Engine fluids ported to frame for ease of maintenance
- Automatic shut-downs and indicators for high coolant temperature, low oil pressure, overspeed and reverse power
- 15.5" (39.4 cm) minimum ground clearance
- Fuel consumption 2.65 gph at full load

OPTIONAL FEATURES

- Composite run-flat tires
- Dual wall fuel tank
- Third wheel at tongue (rotates vertical for ramp crest)
- Other duct configurations available

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35kW IPT-V4 Shelter Support Trailer



SPECIFICATIONS

Ordering Information

HDT Part Number

Olive Drab 1014751

Tan 1014752

NSN

Olive Drab 8340-01-513-9267

Tan 8340-01-514-0578

Trailer

Dimensions (L x W x H)	193.2" x 85.2" x 78" (490.7 x 216.4 x 198.1 cm)
Cargo Volume Stowage	77 Cu. Ft.
System Weight (without cargo)	3,340 lbs
Empty GVW	3,340 lbs
Tongue Weight	302 lbs
Fuel Tank Capacity	42 gallons
Recommended Vehicles	HMMV, JLTV, LMTV, and FMTV. Internal C-130 and C-141 transportable
Tire Type / Size	Two 37 x 12.50 x 16.5 L T Goodyear Wrangler R/T II, Load Rating C bias ply, run-flat tires

Generator

Engine Type	Diesel, three cylinder, turbo-charged, liquid cooled, direct injection
Generator Output	35 kW, 120/208 VAC, 60 HZ, 3 phase
Operating Environment	-50°F to +140°F (-45.6°C to +60°C)
Fuel Type	Primary: Diesel, Secondary: JP5 and JP8
Fuel Consumption (at full load)	2.65 Gal/hr
Noise	76 dB at 25'

Air Conditioning

Max. Cooling	96,000 BTU/H
Max. Heat Output	2 stage heater, 92,000 BTU/H electric heat. 80,000 BTU/hr fuel fired AUX heat
Refrigerant Type	R513A (A2)
CFM Air Flow	3,000 CFM
Air Duct Diameter	14" (Two 14" Supply, Two 14" Return)
Power Requirements	28kW, 208 VAC, 60 HZ, 3 Phase

Included

- 1 Drip Berm (T295188)
- 1 Trailer Electrical Set (T2-95235)
- 1 Trailer Push Package (TR351G)
- 2 Supply Ducts (T291427)
- 2 Return Ducts (T291429)
- 1 Auxiliary Fuel Kit (T295180)
- 1 ECU 8T 120/208V 60-HZ R513A (H049414-220-031/2)
- 1 UD BOX 60A (2002386) **NOT SHOWN**
- 1 Power Cable, 60A 50FT (3002130-001) **NOT SHOWN**
- 1 Power Cable, 100A SHORE (2000160) **NOT SHOWN**

Products, product specifications and data are subject to change without notice to improve reliability, function, and/or design. Please contact Customer Service at 800.969.8527 for the most up-to-date product information.

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