

HDT UTILITY SUPPORT TRAILERS

*Intelligent Power Technology[®],
ECU and Cargo Trailers*



HDT Utility Support Trailers (USTs) are integrated support systems that provide mobility, power, and/or environmental control to HDT shelters. USTs allow the transport of shelters, gensets and/or ECUs in one package to remote locations.

Towed behind military vehicles, HDT Utility Support Trailers conform to established “safe to transport” criteria by the Military Transport Management Command (MTMC) as suitable for “secondary and unimproved roads” and sealift transportability. Many trailers are also certified for air transport aboard select military aircraft.

HDT UST gensets utilize INTELLIGENT POWER TECHNOLOGY (IPT), a digital smart system that allows for networked power in the field for increased fuel efficiency. Select models include genset outputs ranging from 18 to 33 kW. They include a 16, 20, 26, 45, or 63 gallon diesel fuel tank, and the capability to extract fuel from any external fuel source.

Many USTs feature 5 ton, 8 ton or 12 ton environmental control units (ECUs) to provide HVAC control to soft wall shelters. These models include supply and return air ducts that attach to any soft walled shelter at designated ports, providing a light-tight, weather-tight air seal. ECUs feature Load Shed capability to support mission-critical power management.

HDT Utility Support Trailers have been tested at the Aberdeen Test Center (ATC) and the Nevada Automotive Testing Center (NATC) to meet all U.S. Military standards for trailers.



KEY FEATURES

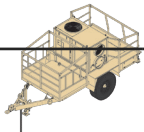
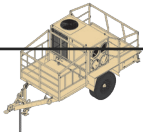
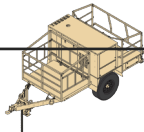
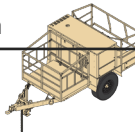
- Multiple configurations – cargo-only; cargo and environmental control; cargo and electrical power; or cargo, environmental control and electrical power trailers
- Power generator outputs range from 18 kW to 60 kW
- Intelligent Power Technology (IPT) increases fuel efficiency by networking generators in the field
- ECU capacities range from 5 ton (60K BTU/H) to 12 ton (144K BTU/H)

HDT UTILITY SUPPORT TRAILERS

HMMWV Towable Trailers



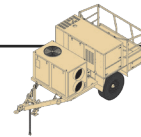
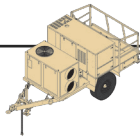
UST HMMWV TOWABLE SPECIFICATIONS

	HP-2C/5E	HP2C/8E	HP-2C/18 Analog	HP-2C/18 Digital
Available Colors				
Green				
HDT part number	1006177	1006179	TG201-0006G	1014477
NSN	8340-01-514-0591	8340-01-514-0586	N/A	N/A
Tan				
HDT part number	1006176	1006178	TG201-0006T	1014476
NSN	8340-01-514-0589	N/A	N/A	N/A
Genset output			18 kW	18 kW
Fuel tank capacity	5 gal / 19 liter*	5 gal / 19 liter*	16 gal / 61 liter	16 gal / 61 liter
ECU output	5 Ton	8 Ton		
Cargo volume	145 ft ³ / 4.1 m ³	145 ft ³ / 4.1 m ³	145 ft ³ / 4.1 m ³	145 ft ³ / 4.1 m ³
Weights (Tare)	2,173 lbs / 986 kg	2,382 lbs / 1,081 kg	2,862 lbs / 1,298 kg	2,862 lbs / 1,298 kg
Dimensions (L x W x H)	194" x 86" x 81" 4.9 x 2.2 x 2.1 m	194" x 86" x 81" 4.9 x 2.2 x 2.1 m	194" x 86" x 78" 4.9 x 2.2 x 2.0 m	194" x 86" x 78" 4.9 x 2.2 x 2.0 m
				

* Fuel tank supports auxiliary heating capacity on the ECU

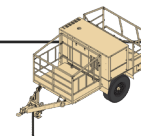
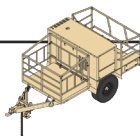
UST HMMWV TOWABLE SPECIFICATIONS

	HP-2C/185 Digital	HP-2C/185 Analog	35kW GET
Available Colors			
Green			
HDT part number	1013916	T2-80155G	62-GET35KW80D
NSN	N/A	N/A	8340-01-533-1697
Tan			
HDT part number	1013915	T2-80155T	62-GET35KW8TN
NSN	N/A	N/A	8340-01-566-2649
Genset output	18 kW	18 kW	34 kW
Fuel tank capacity	16 gal / 61 liter	16 gal / 61 liter	55 gal / 208 liter
ECU output	5 Ton	5 Ton	8 Ton
Cargo volume	77 ft ³ / 2.2 m ³	77 ft ³ / 2.2 m ³	56.9 ft ³ / 1.61 m ²
Weights (Tare)	3,340 lbs / 1,515 kg	3,340 lbs / 1,515 kg	3,880 lbs / 1760 kg
Dimensions (L x W x H)	194" x 86" x 78" 4.9 x 2.2 x 2.0 m	194" x 86" x 78" 4.9 x 2.2 x 2.0 m	162" x 86" x 75" 4.1 x 2.2 x 1.9 m



UST HMMWV TOWABLE SPECIFICATIONS

	HP-2C/33 Analog	HP-2C/33 Digital
Available Colors		
Green		
HDT part number	1006119	1014483
NSN	8340-01-459-4361	N/A
Tan		
HDT part number	1006120	1014482
NSN	N/A	N/A
Genset output	33 kW	33 kW
Fuel tank capacity	26 gal / 98 liter	26 gal / 98 liter
ECU output		
Cargo volume	145 ft ³ / 4.1 m ³	145 ft ³ / 4.1 m ³
Weights (Tare)	3,362 lbs / 1,525 kg	3,362 lbs / 1,525 kg
Dimensions (L x W x H)	194" x 86" x 78" 4.9 x 2.2 x 2.0 m	194" x 86" x 78" 4.9 x 2.2 x 2.0 m

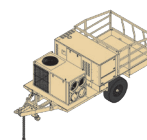
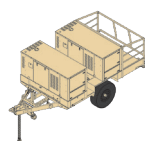
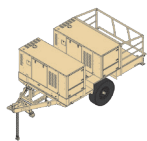


HDT UTILITY SUPPORT TRAILERS

LMTV Towable Trailers / MTV Towable Trailers

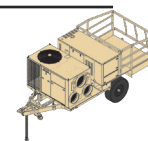
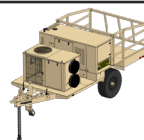
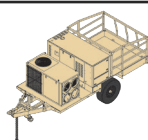
UST LMTV TOWABLE SPECIFICATIONS

	HP-4G/18 Digital	HP-4G/33 Digital	HP-4/338 Analog
Available Colors			
Green			
HDT part number	1014923	1014927	1005102
NSN	8340-01-504-2616	8340-01-504-2613	8340-01-514-0577
Tan			
HDT part number	1014922	1014926	1005101
NSN	8340-01-504-2617	8340-01-504-2614	N/A
Genset output	18 kW x2	33 kW x2	33 kW
Fuel tank capacity	16 gal / 61 liter x2	26 gal / 98 liter x2	26 gal / 98 liter
ECU output			8 Ton
Cargo volume	79 ft ³ / 2.2 m ³	79 ft ³ / 2.2 m ³	140 ft ³ / 4.0 m ³
Weights (Tare)	4,719 lbs / 2,141 kg	5,565 lbs / 2,524 kg	4,737 lbs / 2,149 kg
Dimensions (L x W x H)	204" x 86" x 78" 5.2 x 2.2 x 2.0 m	204" x 86" x 78" 5.2 x 2.2 x 2.0 m	228" x 86" x 78" 5.8 x 2.2 x 2.0 m



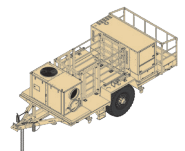
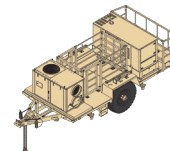
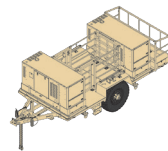
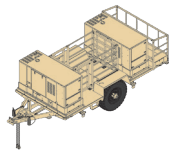
UST LMTV TOWABLE SPECIFICATIONS

	HP-4/338 Digital	HP-4/338 Digital – 2 Duct	HP-4/3312 Digital
Available Colors			
Green			
HDT part number	1014911	H026021-032	1014914
NSN	N/A	N/A	N/A
Tan			
HDT part number	1014910	H026021-031	1014915
NSN	N/A	N/A	8340-01-487-7158
Genset output	33 kW	33 kW	33 kW
Fuel tank capacity	26 gal / 98 liter	26 gal / 98 liter	26 gal / 98 liter
ECU output	8 Ton	8 Ton	12 Ton
Cargo volume	140 ft ³ / 4.0 m ³	140 ft ³ / 4.0 m ³	140 ft ³ / 4.0 m ³
Weights (Tare)	4,737 lbs / 2,149 kg	4,737 lbs / 2,149 kg	5,292 lbs / 2,400 kg
Dimensions (L x W x H)	228" x 86" x 78" 5.8 x 2.2 x 2.0 m	228" x 86" x 78" 5.8 x 2.2 x 2.0 m	228" x 86" x 78" 5.8 x 2.2 x 2.0 m



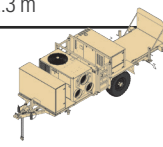
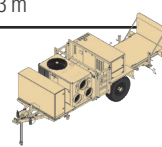
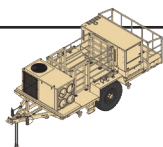
UST MTV TOWABLE SPECIFICATIONS

	HP-6G/18 Digital	HP-6G/33 Digital	HP-6/185 Digital	HP-6/335 Digital
Available Colors				
Green				
HDT part number	1012813	1009672	1014934	1012394
NSN	6115-01-599-1780	N/A	N/A	N/A
Tan				
HDT part number	1012812	1009671	1014935	1013573
NSN	6115-01-599-1773	N/A	N/A	N/A
Genset output	18 kW x2	33 kW x2	18 kW	33 kW
Fuel tank capacity	16 gal / 61 liter x2	26 gal / 98 liter x2	16 gal / 61 liter	26 gal / 98 liter
ECU output		5 Ton	5 Ton	5 Ton
Cargo volume	145 ft ³ / 4.1 m ³	145 ft ³ / 4.1 m ³	145 ft ³ / 4.1 m ³	145 ft ³ / 4.1 m ³
Weights (Tare)	8,235 lbs / 3,735 kg	9,135 lbs / 4,152 kg	8,735 lbs / 3,962 kg	8,830 lbs / 4,005 kg
Dimensions (L x W x H)	253.5" x 96" x 87" 6.4 x 2.4 x 2.2 m	253.5" x 96" x 87" 6.4 x 2.4 x 2.2 m	253.5" x 96" x 87" 6.4 x 2.4 x 2.2 m	253.5" x 96" x 87" 6.4 x 2.4 x 2.2 m



UST MTV TOWABLE SPECIFICATIONS

	HP-6/338 Digital	HP-8/3312 Analog	HP-8/3312 Digital
Available Colors			
Green			
HDT part number	1014939	TG200-1000G	1013934
NSN	N/A	N/A	N/A
Tan			
HDT part number	1014938	TG200-1000T	1013933
NSN	N/A	N/A	N/A
Genset output	33 kW	33 kW	33 kW
Fuel tank capacity	26 gal / 98 liter	45 gal / 170 liter	45 gal / 170 liter
ECU output	8 Ton	12 Ton	12 Ton
Cargo volume	145 ft ³ / 4.1 m ³	319 ft ³ / 9 m ³	319 ft ³ / 9 m ³
Weights (Tare)	8,842 lbs / 4,010 kg	8,071 lbs / 3,661 kg	8,071 lbs / 3,661 kg
Dimensions (L x W x H)	253.5" x 96" x 87" 6.4 x 2.4 x 2.2 m	312.5" x 96.8" x 91" 7.9 x 2.5 x 2.3 m	312.5" x 96.8" x 91" 7.9 x 2.5 x 2.3 m

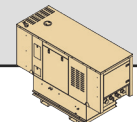
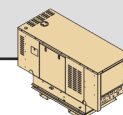
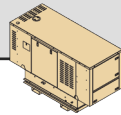


HDT UTILITY SUPPORT TRAILERS

Skid Mounted / Trailer Mounted Genset Specifications

SKID MOUNTED GENSET SPECIFICATIONS

	18 kW IPT	33 kW IPT	33 kW Large IPT
Available Colors			
Green			
HDT part number	H015694	1015946	H013729-032
NSN	N/A	8340-01-459-4361	N/A
Tan			
HDT part number	1013152	1015945	H013729-031
NSN	N/A	N/A	N/A
Genset output	18 kW	33 kW	33 kW
Frequency, voltage	208V/120V, 60 Hz	60 Hz	208V/120V, 60 Hz
Fuel tank capacity	16 gal / 61 liter	26 gal / 98 liter	45 gal / 170 liter
Control	Digital	Digital	Digital
Weight	1,475 lbs / 669 kg	1,925 lbs / 873.2 kg	1,975 lbs / 895.8 kg
Dimensions (L x W x H)	85" x 35" x 57" 2.2 x 0.9 x 1.4 m	85" x 35" x 57" 2.2 x 0.9 x 1.4 m	90" x 35" x 62" 2.3 x 0.9 x 1.6 m



SKID MOUNTED GENSET SPECIFICATIONS

	15 kW IPT	30 kW Large IPT	33 kW IPT
Available Colors			
Green			
HDT part number	1017181	1017179	H011974-032
NSN	N/A	N/A	N/A
Tan			
HDT part number	1017186	1017184	H011974-031
NSN	N/A	N/A	N/A
Genset output	15 kW	30 kW	33 kW
Frequency, voltage	380V / 220V, 50 Hz	380V / 220V, 50 Hz	480V / 277V, 60 Hz
Fuel tank capacity	16 gal / 61 liter	45 gal / 170 liter	26 gal / 98 liter
Control	Digital	Digital	Digital
Weight	1,475 lbs / 669 kg	1,775 lbs / 805.1 kg	1,925 lbs / 873.2 kg
Dimensions (L x W x H)	85" x 35" x 57" 2.2 x 0.9 x 1.4 m	85" x 35" x 57" 2.2 x 0.9 x 1.4 m	85" x 35" x 57" 2.2 x 0.9 x 1.4 m

TRAILER MOUNTED GENSET SPECIFICATIONS

	18 kW IPT	33 kW IPT	33 kW Large IPT	15 kW IPT
Available Colors				
Green				
HDT part number	1013682	1013978	1013914	1015125
NSN	6115-01-685-0283	8340-01-459-4361	6115-01-680-1092	N/A
Tan				
HDT part number	1013002	1013977	1013913	1015124
NSN	6115-01-685-0862	N/A	6115-01-678-4623	N/A
Genset output	18 kW	33 kW	33 kW	15 kW
Frequency, voltage	208V/120V, 60 Hz	208V/120V, 60 Hz	208V/120V, 60 Hz	380V/220V, 50 Hz
Fuel tank capacity	16 gal / 61 liter	26 gal / 98 liter	45 gal / 170 liter	16 gal / 61 liter
Control	Digital	Digital	Digital	Digital
Dimensions (L x W x H)	85" x 35" x 57" 2.2 x 0.9 x 1.4 m	85" x 35" x 57" 2.2 x 0.9 x 1.4 m		85" x 35" x 57" 2.2 x 0.9 x 1.4 m

TRAILER MOUNTED GENSET SPECIFICATIONS

	18 kW IPT ROK	30 kW Large IPT	33 kW Large IPT ROK
Available Colors			
Green			
HDT part number	1013641	H011395-001	1013623
NSN	N/A	N/A	N/A
Tan			
HDT part number	1013640	H011395-002	1013622
NSN	N/A	N/A	N/A
Genset output	16 kW	30 kW	33 kW
Frequency, voltage	380V/220V, 60 Hz	380V/220V, 50 Hz	380V/220V, 60 Hz
Fuel tank capacity	16 gal / 61 liter	26 gal / 98 liter	45 gal / 170 liter
Control	Digital	Digital	Digital
Dimensions (L x W x H)	85" x 35" x 57" 2.2 x 0.9 x 1.4 m	85" x 35" x 57" 2.2 x 0.9 x 1.4 m	

HDT UTILITY SUPPORT TRAILERS

ECU and Skid Mounted ECU Specifications



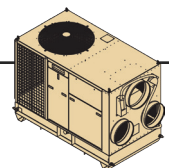
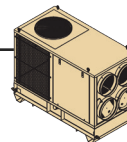
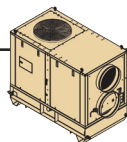
KEY FEATURES

Skid mounted ECUs are available for situations where a trailer is not necessary for mobility. A Turf Cart is available to easily transport ECUs.

- Load shed
- Quiet fan
- Aux heater
- Remote thermostat control
- Humidity control^{opi2}

ECU AND SKID MOUNTED ECU SPECIFICATIONS

	Skid Mounted – 5 Ton*	Skid Mounted – 12 Ton*	Cart Mounted – 5 Ton*
Available Colors			
Green			
HDT part number	1013092	T2-84282G	–
NSN	N/A	N/A	–
Tan			
HDT part number	1013091	T2-84282T	1015377
NSN	N/A	N/A	8340-01-514-0647
Ducts (supply / return)	2	3 or 4	2
Capacity			
Cooling	60,000 BTU/H	144,000 BTU/H	60,000 BTU/H
Heating	61,000 BTU/H	165,000 BTU/H	61,000 BTU/H
Weights	750 lbs / 340.2 kg	1,490 lbs / 675.9 kg	
Dimensions (L x W x H)	66" x 34" x 52" 1.7 x 0.9 x 1.3 m	83" x 45" x 61" 2.1 x 1.1 x 1.5 m	



* A commercial version of the HDT 5 Ton ECU is also available.

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.

HDT Expeditionary Systems, Inc.

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NON-EXPORT CONTROLLED INFORMATION

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