

NATO CHARGING SYSTEM

Battery Charging System for HDT Space Heater Convective Heaters



All HDT Space Heater Convective (SHC) heaters come with a charging adapter that must be attached to a 12VDC battery charger which are powered by 120VAC. As an additional authorized item, the NATO Charging System (NCS) can be attached directly to any 24VDC NATO adapter. The modular NATO connector is very small and light. The contents fit into a small transport bag which fits easily into the accessories bag for the SHC. The battery connector fits directly on to the SHC battery connector. The NCS is a complete charging system not just a jumper cable. When attached to the battery and DC power a small LED blinks and indicates that the battery is charging. The LED stops blinking and stays illuminated when the battery is fully charged. It cannot be hooked up incorrectly and will not drain the vehicle battery below 18VDC.

KEY FEATURES

- Ruggedized ABS housing withstands tough environments
- Input power limit protects the charger if there is an output short circuit during power up
- Low voltage cut off shuts down the adapter until the input voltage returns to the proper operating range
- Input over voltage cutoff protects the charger
- Input and output EMI Filters to prevent electromagnetic interference



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NATO CHARGING SYSTEM SPECIFICATIONS

Ordering information

HDT part number	53587
NSN	4520-01-533-0607
GSA	

Physical characteristics

L x W x H	8" x 5" x 2"	20.32 x 12.7 x 5.08 cm
Cable length		
Input	6'	1.83 m
Output	6'	1.83 m
Weight	3 lbs	1.36 kg

Power

Input voltage	20 to 33VDC
Minimum turn on input voltage	22.6VDC
Connector	
Input	NATO adapter
Output	SHC modular connector

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