



POWER MANAGEMENT SYSTEMS



LIPS DC VEHICLE CHARGER

Part Number 404122-2001

NSN: 6130-99-254-3742

The LIPS DC Vehicle Charger is designed for the in-vehicle recharge of Lincad's LIPS 10, 11 and 12 batteries. The charger is powered from a standard 24V DC vehicle supply and is mounted to a vehicle interior wall using standardised military mounting plates. The charger is rugged and versatile enough to satisfy front line military operating requirements.

Battery recharge is carried out through three independent integrated charging sockets which are configured to securely mount the LIPS batteries.

Charging is initiated through a toggle switch and then automatically controlled by the charger hardware and software. The LIPS DC Vehicle Charger carries out active thermal management of the convection cooled heatsink. In very hot conditions, intelligent control will manage the rate of charge of a connected battery to maintain operator and equipment safety.

Battery charge status is provided for each channel by a three LED indication display.



TECHNICAL DATA:

DC Input	
Power Requirements	25 - 30V DC, 600W Max
Power Connection	Size 18, 2 way military circular connector
Fuse Rating (per channel)	6mm X 30mm, 10A fast blow
Charging Output	
Charge Voltage	29.4V Max
Charge Current (per channel)	5.5A Max
Environmental	
Operating Temperature	-5°C to +55°C
Storage Temperature	-40°C to +70°C
Operating Environment	Sheltered environment, free air, vehicle mounted
Cooling	Natural convection
Mechanical	
Dimensions	507mm(H) X 288mm(H) X 205mm(D)
Weight	13 Kg