



POWER MANAGEMENT SYSTEMS



## CARAVEL MK2 CHARGER

Part Number 404211-2001  
NSN: 6130-99-843-6297

Representing the very latest in battery charger technology and design, Lincad's multi-chemistry Caravel Mk2 charger is an enhanced, cutting edge replacement for the original Caravel charger which has seen front line service with British and international armed forces for over 15 years.

The Caravel Mk2 charges batteries of any electrochemistry from any original equipment manufacturer via battery interface adaptors, allowing the management of an entire fleet of batteries from a single type of charger. With dual USB connectivity, it also charges smartphones, tablets and other mobile devices, and can be configured for wireless or Ethernet communication for central monitoring. With a transport mode to allow the discharge of any lithium-ion battery to less than 30% state of charge in line with current International Air Transport Association (IATA) regulations, it becomes the default charger for anyone in the lithium-ion battery supply chain.

Designed for simplicity of operation with largely automated functionality, the Caravel Mk2 offers a flexible, all-purpose solution for battery charging in a barracks environment. With in-service configurable software, it provides the end-user with the reassurance that all their current and future battery charging requirements are met.

The charger is CE marked and EMC tested to Def Stan 59-411 Land Class C limits.



### TECHNICAL DATA:

<b>AC Input</b>	
Power Requirements	90-264V AC, 50/60Hz, 5A max, 450W max
Power Connection	IEC C13
Fuse	Dual 6.3A, 5X20mm fast blow (F)
<b>Charging Output</b>	
Battery Charging	58V DC max, 20A max, 400W max
USB Charging	Dual 5V (+ - 0.2V), 1.5A max
<b>Environmental</b>	
Operating Temperature	-5°C to +55°C
Storage Temperature	-40°C to +70°C
Operating Environment	Flat surface, free air
Sealing	IPX2
Cooling	Convection cooled heatsink
<b>Mechanical</b>	
Dimensions	172mm(h) X 345mm(w) X 210mm(d)
Weight	7.4 kg