



IAC BATTERY REPLACEMENT TOOL

USER'S MANUAL
(Version 1.0)

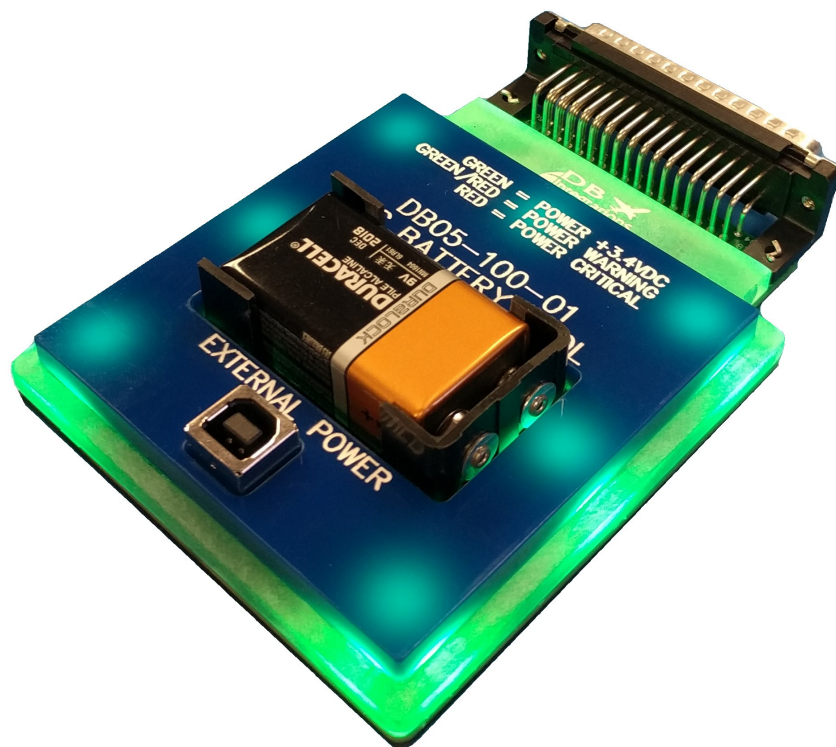




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IAC Battery Replacement Tool Overview:

The IAC battery replacement tool provides the necessary voltage while replacing the memory keep-alive battery to retain an IAC-800(c) computer's memory data when the battery is removed. The internal battery provides holdup power for the following functions:

- AFCS IMT RAM
- Fault warning trend/limit data RAM
- FWC CAS message RAM
- FWC IMT RAM
- EDS IMT RAM
- FMS custom database RAM
- FMS IMT RAM

User's Manual Applicability:

Unit Hardware Version	Unit Software Version
Version 0	Version 1.0

Equipment Part Numbers:

Description	Part Number
IAC Battery Replacement Tool	DB05-100-01

Physical Specifications:

IAC Battery Replacement Tool Physical Specifications	
Part Number:	DB05-100-01
Dimensions:	3.5" wide x 4.9" tall x 1.0" deep
Power:	9V battery or USB

Interfaces and Power:

The IAC battery replacement tool gets powered by a 9V battery which gets regulated down to the proper voltage required by the IAC-8000(c) computer. In the event that the 9V battery's voltage is depleted, a USB-B connector is provided for an external power input.

Panel J1 Connector Pinouts:

J1, 50 pin male DB50
Pin 35 – Output power to IAC computer keep-alive
Pin 31 – Ground

Getting Started:

Plug a 9V battery into the unit. Verify that the perimeter is illuminated steady green. It is now ready for insertion in the IAC-8000(c) computer. The unit will constantly monitor the voltage getting to the IAC keep-alive circuitry. The outer perimeter lighting will identify the status of this voltage.

Perimeter Lighting	Voltage Indication
Steady green	Voltage above 3.4 volts
Alternating green and red	Voltage between 3.0 and 3.4 volts
Flashing red	Voltage below 3.0 volts

Contact Us:

Please feel free to contact us if you need any additional help with the operation of this device. It is our goal to produce the most helpful troubleshooting/maintenance tools possible and if something can be improved, please let us know.

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Warranty:

DB Integrations offers a 1 year warranty on any malfunction of this device that does not relate to abuse. Technicians are available during normal working hours to help diagnose and approve units for return should they become defective. See contact information above. Warranty information is tracked internally by sales figures.