



DESKTOP BATTERY CHARGER (DBC)

RECHARGE BATTERIES QUICKLY

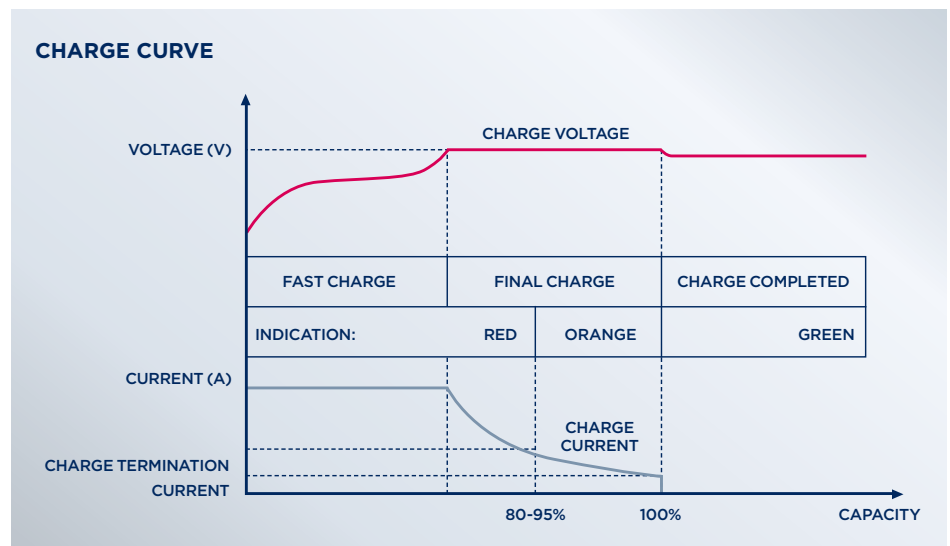
GALVION DESKTOP BATTERY CHARGER (DBC) is a switch mode charger with universal input voltage. It offers 3-step charge control with current detection as charge termination and protection against reverse polarity and short circuit. Includes LED status indicator and is ideal for charging conformal wearable batteries and our SoloPack™ and SoloPack™ II. Adapter kits are available to support a variety of international AC power formats.

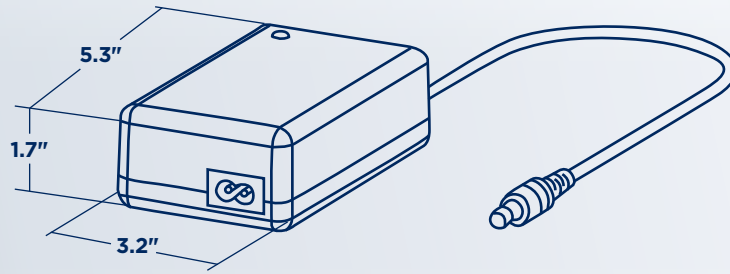


THREE EASY STEPS TO CHARGE...

1. Fast charge mode. During this step, the charger is in constant current mode with the current rate remaining at its maximum rating.
2. The battery will be nominally 80-95% charged (**LED status indicator is RED**), and the charger switches into constant voltage mode (current is no longer being provided at its maximum rate). The charger will continue to provide a constant voltage until the charge current decreases to the charge termination level (**LED status indicator is ORANGE**)
3. The charge process stops. Charging has ceased as no current flows to the DBC or SoloPack (**LED status indicator is GREEN**)

CHARGE CONTROL			
STEP 1 (RED)	STEP 2A (RED)	STEP 2B (ORANGE)	STEP 3 (GREEN)
CHARGE CURRENT	CHARGE VOLTAGE	TO YELLOW WHEN CURRENT IS	CHARGE START VBAT
3.5A +/- 0.2A	16.8V +/- 0.1V	1.6A +/- 0.1A	16.4V +/- 0.1V





PART NUMBER

013-020

TECHNICAL SPECIFICATIONS

DIMENSIONS	L 5.3" (135mm) x W 3.2" (80mm) x H 1.7" (44mm)
WEIGHT	1.65lbs (750g)
POWER	INPUT RATING: Nominal 90-264VAC MAXIMUM OUTPUT POWER: 59W CELL COUNT: 4s SWITCH FREQUENCY: 40kHz BATTERY LEAKAGE CURRENT: <1mA- <0.4mA @ 8.4V

SPECIFICATIONS

OPERATING TEMPERATURE	-13°F (-25°C) to 104°F (40°C)
STORAGE TEMPERATURE	-13°F (-25°C) to 185°F (85°C)
RIPPLE	Class II
ELECTRICAL SAFETY APPROVALS	EN 60335-2-29, EN 60950-1, in compliance with UL 60601-1
EMC STANDARDS	EN 60601-1-2 (Medical), EN 61000-6-3 (Emission), EN 61000-6-1 (Immunity)
TERMINATION	Current detection as charger terminator < 750mA +/- 30%
EMC STANDARDS	MIL-STD-461, CE101, CE102, CS114, CS115, CS116, RE101, RE102, RS103
INPUT CONNECTION	2 pin IEC 320-C7 (input cord set included)
OUTPUT CONNECTION	GlenAir Connector 8070-1676-06ZNU6-6PY-422B