

12V 3A BATTERY CHARGER

RANGE data sheet



DESCRIPTION

The 12V 3A range of battery chargers have been designed to charge the Ritelite K9 and K10 portable worklights and are compatible with both Sealed Lead Acid (SLA) and lithium Ion Phosphate (LiFePO4) batteries. The 12V 3A battery charger is compact in size with an input voltage of 100/240V and a automatic 7 stage charge profile. Multiple lights can be charged at once from one plug with a multi-way charger option.

SPECIFICATIONS

- Input voltage - 100-240V AC 50/60Hz 1.0A
- Output 12V 3A
- Minimum battery size 12AH
- Power 40W



MAIN FEATURES

- Microprocessor controlled
- Auto restart detection (prevents recharge of full battery)
- Low charge recovery profile (soft start)
- Battery 7 stage charge profile
- Short-circuit protection
- Reverse polarity protection
- 3 LED display system
- Overrun timer
- Rated IP20

OPTIONAL FEATURES

- Multi-bank versions - 4, 5, 6 way charging
- Customer specific DC Connectors
- UK/ EU/ US input connectors (others available)

WEIGHTS AND DIMENSIONS

CASE WIDTH	WIDTH (MM)	DEPTH (MM)	HEIGHT (MM)	WEIGHT (KG)
SINGLE	114	51	33	0.22
4 Way	340	188	45	2.25
5 Way	420	188	45	2.76
6 Way	500	188	45	3.28

CHARGING YOUR K9/K10 PORTABLE WORKLIGHT

The table below shows the battery types that this charger is compatible with.

CHARGING SOLUTION TYPE	BATTERY CONFIGURATION					
	SLA	SLA+	LiFePO4	LiFePO4+	L2	L2X2
1	✓	✓	✓	✗	✗	✗

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12V BATTERY CHARGERS

Can be used with any SLA/ LiFePO4 unit not fitted with a vepac internal battery charger.

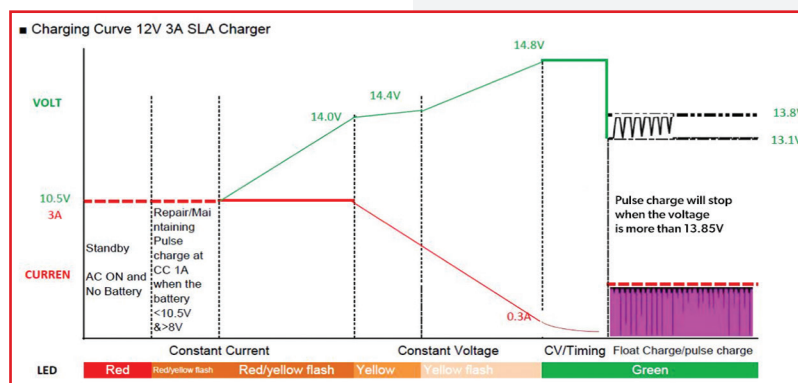


HOW CAN I TELL WHICH BATTERY MY K9 or K10 WORK LIGHT IS FITTED WITH?

Most K9 and K10 units have a coloured lozenge on the serial label, also on the label on the light head of the K9. This will be one of six types as shown in the table above. If there is no clear lozenge please contact our sales team and they'll be able to confirm which type you have from the product code on the unit.



TYPICAL MULTI-STEP CHARGE PROFILE



12V 3A MULTI-BANK BATTERY CHARGERS

PHOTOS OF ALL OPTIONS



4 WAY CHARGER



5 WAY CHARGER



6 WAY CHARGER