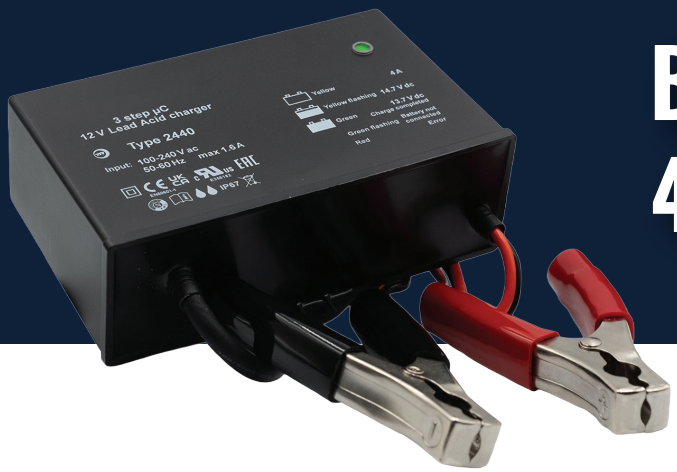

BATTERY CHARGER, 452440-S IP, LEAD ACID

SPECIFICATIONS	12 V	24 V
Available versions:	452440-SB IP	452440-SC IP
Input voltage:	90-264VAC	
Line frequency:	47-63Hz	
Max output power:	60W	
Step 1. Charge current: Orange LED	4A ±0.3A	2A ±0.2A
Step 2. Cycle voltage (timer mode): Yellow	14.7V ±0.2V	29.5V ±0.2V
Step 3. Float voltage: Green	13.8V ±0.2V	27.6V ±0.3V
Charge timer (Step 2):	4h	
Timer:	2h ±30%	
Ripple:	<100mV p-pp	
Efficiency (at 100% load, 230V) approx.:	80%	
Switch frequency approx.:	40kHz	
Leakage current from battery with mains switched off:	<0.2mA	
Protection:	Protected against reversed polarity and short circuit proof	
Temperature range:	**Operating:** -10 to +40 °C / **Storage:** -25 to +85°Cv	
Safety:	**EN** 60950-1 / **EN** 60601-1 / **EN** 60335-2-29	
Insulation class:	Class II	
Insulation voltage (primary–secondary):	4000VAC/5700VDC	
EMC standards:	**Medical EN** 60601-1-2 / **Emission EN:** 61000-6-3 / **Immunity EN** 61000-6-1	
Input terminal:	Fixed mains cable with plug	
Output terminals:	Cable with battery clips	
IP-Grade:	67	
Dimensions:	140×48×83mm	
Weight:	1070g	

CELL-CON
Battery & Charger Solutions

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