

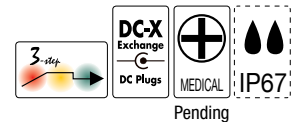
# 2840 LiFePO<sub>4</sub> Max. 8,5A

## Charger for LiFePO<sub>4</sub> batteries



### tech spec

- 3-step charge control with current detection as charge termination
- Switch mode charger
- Charging 1-15 LiFePO<sub>4</sub> battery cells
- Medical certificate (EN 60601) pending
- 3-colored LED indicator
- 2-pin IEC 320 input connector
- Mains cord not included
- Waterproof (IP67) version available
- Custom specifications on request
- 3-trinns ladekontroll med strøm-deteksjon som ladestopp
- Switch mode lader
- Opplading av 1-15 LiFePO<sub>4</sub> battericeller
- Medisinsk sertifisering (EN 60601) påventes
- 3-farget lysdiodeindikator
- 2-pins IEC 320 nettkontakt
- Nettledning ikke inkludert
- Vanntett (IP67) versjon kan leveres
- Tilpasninger leveres på forespørsel



### Technical Specifications

### Tekniske data

Input voltage:	Inngangsspenning:	198-264 VAC
Line Frequency:	Frekvensområde:	47 – 63Hz
Switch frequency, approx.:	Svitsjefrekvens ca.:	65kHz
Leakage current from battery with mains switched off:	Strømtrekk fra batteri ved frakoblet nett:	<1mA
Temperature range	Temperaturområde	
• operating:	• drift:	-25 °C - +40 °C
• storage:	• lagring:	-25 °C - +85 °C
Ripple:	Rippel:	< 100 mV p-p
Efficiency (at 100% load, 230V):	Virkningsgrad (100% last, 230V):	> 89%
Protection:	Sikring:	Protected against reversed polarity and short circuit proof Polvendings- og kortslutningssikker
Insulation class:	Isolasjonsklasse:	II
Insulation voltage	Isolasjonsspenning	
Primary – secondary:	Primær - sekundær:	4000VAC / 5700VDC
Electrical safety:	Elektrisk sikkerhet:	EN 60601-1, EN 60335-2-29
EMC standards	EMC standarder	
• Medical:	• Medisinsk:	EN 60601-1-2
• Emission:	• Emisjon:	EN 61000-6-3
• Immunity:	• Immunitet:	EN 61000-6-1
Input terminal*:	Inngangsterminal*:	2-pins IEC 60320 connector
Output terminals:	Utgangsterminaler:	Open ends or DC connector. (6-15c) Ledning u. plugg eller DC plugg (6-15c)
IP-code:	IP-Grad:	41
Dimensions (LxWxH):	Mål (LxBxH):	135 x 80 x 44mm
Weight:	Vekt:	480g

Voltage versions – see next page  
Spenningsversjoner – se neste side

**Voltage versions**
**Spenningsversjoner**

			Charge control - Ladekontroll				
			Step 1 (orange)	Step 2a (orange)	Step 2b (gul/yellow)	Step 3 (grønn/green)	
Cells	Max output power (W)	Efficiency (100% at 230V)	Charge Current	Charge Voltage	To yellow when current is:	Charge Termin, when current is:	Float charge
Celler	Max utg, effekt	Virkningsgrad	Ladestrom	Ladespenning	Til Gul når strøm er:	Ladestopp når strøm er:	Vedlikeholdslading
1 Cell	31W	>85%	8,5A +0/-0,2A	3,65V ±0,05V	3,8A ±0,1A	300mA ±25%	3,5V ±0,1V
2 Cells	58W	>86%	8,0A +0/-0,2A	7,3V ±0,1V	3,5A ±0,1A		7,0V ±0,1V
3 Cells	77W	>89%	7,0A +0/-0,2A	10,95V ±0,1V	3,1A ±0,1A		10,5V ±0,1V
4 Cells	88W	>89%	6,0A +0/-0,2A	14,6V ±0,1V	2,7A ±0,1A		14,0V ±0,1V
5 Cells	82W	>89%	4,5A +0/-0,2A	18,25V ±0,2V	1,9A ±0,1A		17,5V ±0,2V
6 Cells	85W	>89%	3,9A+0/-0,2A	21,9V ±0,2V	1,7A ±0,1A		21,0V ±0,2V
7 Cells	89W	>89%	3,5A ±0,2A	25,55V ±0,2V	1,6A ±0,1A		24,5V ±0,2V
8 Cells	88W	>89%	3,0A ±0,1A	29,2V ±0,2V	1,4A ±0,1A		28,0V ±0,2V
15 cells	98W	>89%	1,8A ±0,1A	54,75V ±0,3V	0,80A ±0,05A		52,5V ±0,4V