

Li-Ion / Polymer Battery Chargers: 3...8 cells, 300W

165-300-470 D-Pack series

With multi-phase, user configurable charge profile: the optimal charge for your battery

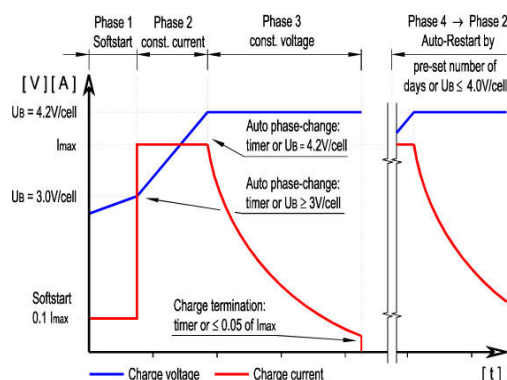
This state-of-the-art battery charger series stands for safe and efficient charging, for extending the useful service life and performance of your battery.

Permission or externally access the micro processor allows for custom building a charge profile of choice, being in strict agreement with the battery manufacturer's specifications



Product Features:

- Multi-phase charge profiles, by externally settable parameters:
 - *Soft start phase*: if battery voltage < 3.0V/cell
 - *Voltage-, current-, or time settings*: criteria for phase change
 - *Temp. gradient*: charge current is temperature dependent
 - *Charge termination*: current-, time or temp. threshold detection
 - *Automatic charge restart*: time (days) or voltage drop criteria
- External temperature sensor
- "Wake-up" function for batteries in sleep-mode
- LED Indicators for charge status and error diagnostics
- Spark suppression at terminal connections



Technical Specifications

AC-Input	Voltage	100...240V, wide-range
	Frequency	50/60Hz
	Mains	IEC 320 Terminal, AC-cord with country specific plug
	Active Power Factor Corr. (PFC)	0.99
DC-Output	Power, continuous	300W
	Charge current, max.	25A @ 3 cells, 9A @ 8 cells
	Efficiency	> 87%, @ 230VAC
	Ripple voltage	< 1%
	Battery back-discharge current	< 4mA (with mains disconnected)
Safety & EMC	Electrical safety standard	EN60950, EN60335.2.29, IEC60335.2.29, AS/NZ 3350.2.29
	EMC	EN55014-1/2, EN61000-6-3, EN61000-6-1
	Safety Certificates	GS, C, CE, AU
Dimensions	Size (L x W x H)	213 x 130 x 58mm, 1.4kg

Models available:

MEC-Article Nr.	Number of cells	Charge current [A]
165-03253-470	3	25.0A
165-04183-470	4	18.0A
165-05143-470	5	14.0A
165-06123-470	6	12.0A
165-07103-470	7	10.0A
165-08902-470	8	9.0A