

## Li-Ion / Polymer Battery Chargers: 3...8 cells, 300W 165-300-470 D-Pack series

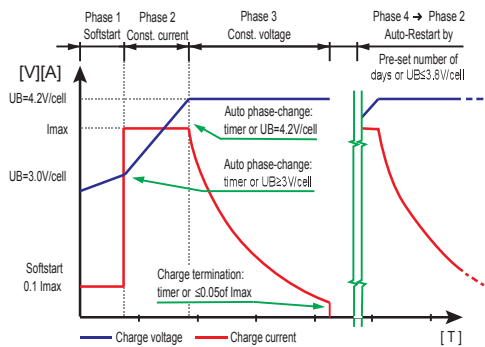
- With multi-phase, user configurable charge profile: the optimal charge for your battery

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 to externally access the micro processor allows for custom building the charge profile, setting it in strict agreement with the battery manufacturer's specification.



### 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 battery in sleep-mode
- LED Indicators for charge status and error diagnostics
- Short circuit and reverse polarity protection
- Spark suppression at terminal connections



### Technical Specifications

MECArticleNumber	Numberof cells	Max. charge current[A]
165-03253-470	3	25.0
165-04183-470	4	18.0
165-05143-470	5	14.0
165-06123-470	6	12.0
165-07103-470	7	10.0
165-08902-470	8	9.0

AC-Input	Voltage	100-240V,wide-range
	Frequency	50/60Hz
	Mainsplug	IEC 320Terminal,AC-cordwithcountryspecificplug
	Active PowerFactor Correction(PFC)	0.99
DC-Output	Power	Max. 300W
	Charge current,max.	25A@3cells,9A @8 cells
	Efficiency	>87%@230VAC
	Ripplevoltage	<1%
	Batteryback-dischargecurrent	<4mA(withmainsdisconnected)
Safety&EMC	Electricalsafetystandard	EN60950, EN60335.2.29, IEC60335.2.29,AS/NZ3350.2.29
	EMC	EN55014-1/2,EN61000-6-3, EN61000-6-1
	Safetycertificates	GS, CB, CE,AU
Dimensions/Weight	Size(LxWxH)	238*130*58mm, 1.6kg