

PAC

POWERFINN

Advanced Power Technology

Powerfinn PAC series is a microprocessor controlled battery charger for all kind of batteries.

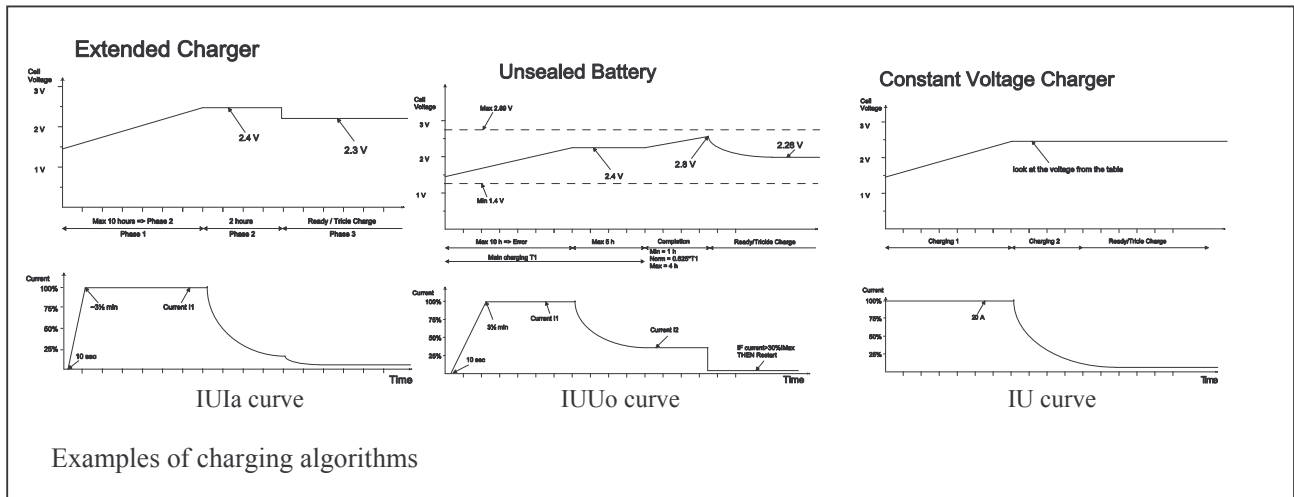
PAC1600

- 24V/60A
- 36V/40A
- 48V/30A
- High power density
- Light weight 1,9 kg
- Built in PFC
- Series/parallel connection
- Master/slave connection
- EMC EN55022B



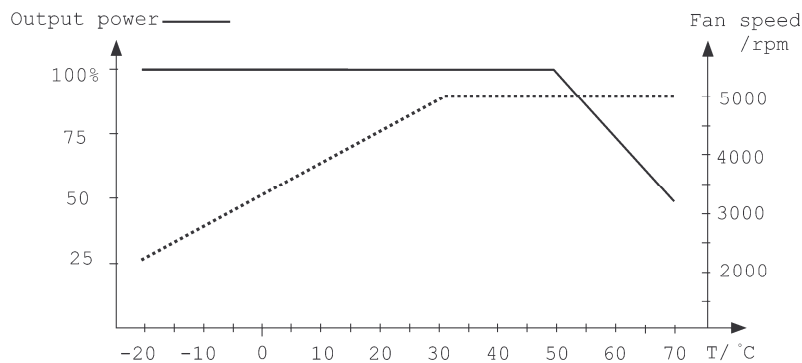
Intelligent options available:

- Master-slave connection, remote control
- Temperature compensation, Sense
- External LED



TECHNICAL DATA

Input voltage	50...255 VAC (50...200 VAC reduced power)	
Input current	9A	
Power factor	1	
Efficiency	>88%	
Inrush current	<30A, cold start	
Line regulation	0.01%	
Load regulation	0.2V	
Output setting accuracy	± 0.1%	
Output ripple	<50mVrms	
Hold up time	5ms	
Status LED indication		
Power supplies / CV chargers	yellow led	Power OK
Cyclic chargers	red led	too low or high battery
	yellow led	charging
	green led	full charge
Isolations		
input - chassis	1500VAC	
input - output	3750VAC	
output - chassis	500VAC	
Standards	EN55022B, EN60335-2-29 +A2	
Markings	CE	
Construction	IP20	
Dimensions	267 x 135 x 85 mm with rubber ends	
Weight	1,9kg without output cables	
Mounting	wall, bench	
Cooling	temperature controlled fan	
Ambient humidity	0...95%, non condensing	
Ambient temperature range (excl. cables)	-25°C...+40°C full output power	
	+40...+ 70°C reduced power, see curve below	



Output power and fan speed vs ambient temperature

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