






TECHNICAL DATA SHEET

PFT-24/10-PFC

Rated input Voltage	100-240VAC
AC Frequency	50-60HZ
Rated Output Current	10A
Output Voltage	24V
Flooded/Wet Battery Charging Characteristics	
CC: 10A	
CV:29.4~29.6V	
Floating:26.8~27V	
Equalization: 32.2~32.4V	
Exide-Sonnenschein GEL batteries	
CC:10A	
CV:29.4~29.6V	
Floating:26.8~27V	
Equalization: 32.2~32.4V	
AGM-GEL battery charging characteristics	
CC:10A	
CV:29.4~29.6V	
Floating:26.8~27V	
Equalization: 32.2~32.4V	
Discover AGM batteries	
CC:10A	
CV:29.4~29.6V	
Floating:26.8~27V	
Equalization: 32.2~32.4V	



Charging profile setting (By dip-witch)	IULa-Acid for Flooded Wet traction batteries	
	IULa-GEL for Exide-Sonnenschein GEL batteries	
	IUUa for Generac GEL and AGM batteries	
	IULa-AGM for Discover AGM batteries	
Cooling		
With Fan		
Short circuit protection		
Short circuit protection shall be automatically recover after remove the condition		
Additional protection	Sparkless protection	
	AC surge protection	
	Over temperature protection	
LVD/EMC/ROHS		
(CE)-LVD:EN60335-2-29 (CE)-EMC: EN 55014 CB=IEC60335-2-29 ISO7176-25 cETLus: AAMI ES 60601-1 // CSA C22.2 NO.60601-1 RoHS compliance according to 2011/65/EU REACH: (EC) No 1907/2006 by SGS		
Output cable/connector	2x1.5m ² black& red cable, Length: 1500mm, Red SB50 DC: 2x1.5 1500mm SB50	 Anderson SB50 Red
AC cable/connector	AC: 3Pin male plug with 0.75m ² - cable=length 450mm, UK power plug, cable length 2000mm. AC: 3x0.75, 450mm, 2000mm	 3-Pin-UK Cable Length: 2000mm
Signal cable (Inhibit cable)	Signal cable: 2*0.5 = red & black cable, length:150mm, with white ter- minal	
LED instruction	Yellow on = Normal Charging	
	Yellow Flash = Charger not connected to battery	
	Green on = Fully Charged	
	Red Flash = Battery connected in reverse polarity	
	Red on = Low battery voltage/High battery voltage	
Mechanical Fixing	On-board charger	
Dimensions	L155.2 x W135 x H60 mm	
Weight	About 1.5 kg (exclude the AC power cord)	

*Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice. Contact BSH for the latest information.

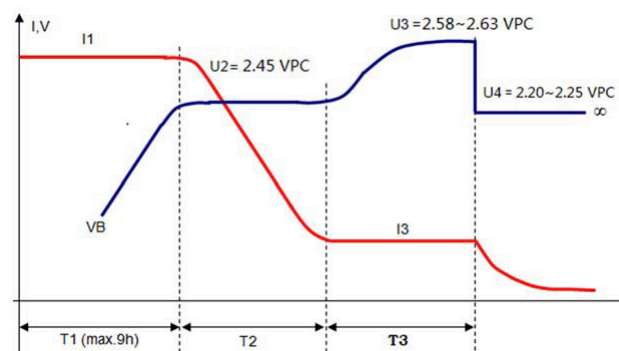


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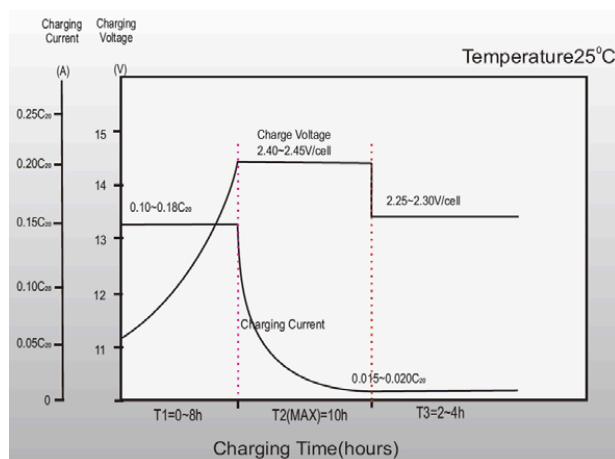
Charging Profile

Flooded/Wet battery charging profile



Charging Profile

AGM-Gel battery charging profile



Product 2D Drawing

