



Features:

- 2/8 stage charging
- · Universal AC input / Full range
- Built-in active PFC function PF>0.95
- Protection: Reverse Polarity / Short circuit / Over voltage / Over temperature
- Charger for lead-acid batteries
- 3 color LED loading indicator
- Built-in remote ON-OFF control
- Built-in fan speed control(Depends on charging current)
- 3 years warranty

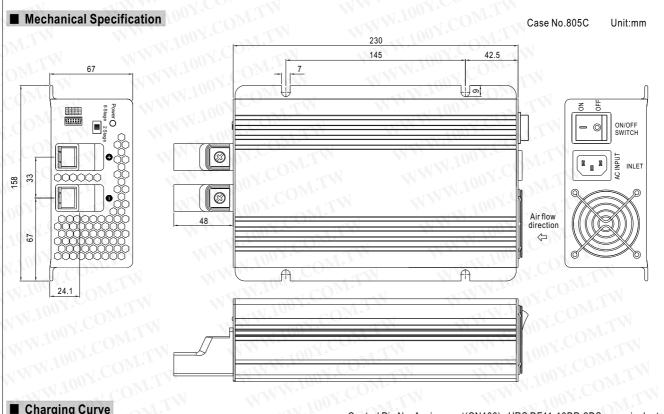
SPECIFICATION



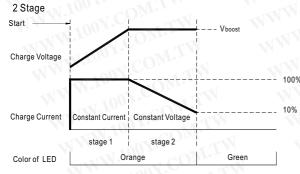
PB-600-12			PB-600-48		
E VOLTAGE 14.4V	28.8V	TIWW.	57.6V		
E VOLTAGE 13.6V	27.2V	V 10	54.4V		
D BATTERY HOURS)(Note 3)	70 ~ 210AH	WW.1	35 ~ 105AH		
Open & Sealed Lea	d Acid	11	100x. OM:1		
ENT 40A	21A	MAN	10.5A		
GE 90 ~ 264VAC	90 ~ 264VAC 127 ~ 370VDC				
ANGE 47 ~ 63Hz	47 ~ 63Hz				
/p.) 86%	87%	With	89%		
R (Typ.) 0.95/230VAC	0.95/230VAC 0.98/115VAC at full load				
Гур.) 6.8А/115VAC 3	6.8A/115VAC 3.4A/230VAC				
ENT (Typ.) 25A/115VAC	25A/115VAC 50A/230VAC				
RENT <3.5mA/240VAC	N^{11} $100^{1.5}$ $100^{1.5}$		100 OM.I.		
16~18V	32 ~ 35V	TW Y	64.5 ~ 69.5V		
Protection type : S	Protection type: Shut down o/p voltage, re-power on to recover				
ATURE Protection type : Au	Protection type: Automatically derate charge current until zero, recovers automatically after temperature goes down				
ROL Open: Normal work	Short: Stop Charging	TAX I	MAN. COL		
ROM BATTERY (Typ.) 1 m A	1) 1mA				
2 / 8 stage select	2 / 8 stage select				
Relay contacts (RY	Relay contacts (RY15)				
Relay contacts (RY	Relay contacts (RY13)				
NSE (OPTIONAL) By NTC	By NTC				
P. -20 ~ +60°C (Refer	to output load derating curve)	COMP.	TANW.100		
20 ~ 90% RH non-c	20~90% RH non-condensing				
P., HUMIDITY $-40 \sim +85^{\circ}$ C, $10 \sim 9$	-40 ~ +85°C, 10 ~ 95% RH				
±0.05%/°C (0 ~ 50°	±0.05%/°C (0~50°C)				
10 ~ 500Hz, 2G 10	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes				
UL1012, TUV EN6	UL1012, TUV EN60335-1, EN60335-2-29 (except for 48V) approved				
DLTAGE I/P-O/P:3KVAC	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
SISTANCE I/P-O/P, I/P-FG, O/	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH				
N & RADIATION Compliance to EN	Compliance to EN55022 (CISPR22)				
RRENT Compliance to EN	Compliance to EN61000-3-2,-3				
Compliance to EN	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024; light industry level, criteria A				
135.6Khrs min.	MIL-HDBK-217F (25°C)	$\sqrt{100}$ 1	M. T. W.		
		1,007.0	The Mill		
2.2Kg; 6pcs/14.2K	g/1.76CUFT	W. IV.	DIAT.		
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 3. This is Mean Well's suggested range. Please consult your battery manufacturer for their suggestions about maximum charging current limitation.					
rs up _l	135.6Khrs min. 230*158*67mm(L* 2.2Kg; 6pcs/14.2K NOT specially mentioned are moly is considered a component vicel's suggested range. Please component of the co	135.6Khrs min. MIL-HDBK-217F (25°C) 230*158*67mm(L*W*H) 2.2Kg; 6pcs/14.2Kg/1.76CUFT NOT specially mentioned are measured at 230VAC input, rated load are poly is considered a component which will be installed into a final equipmedia. Vell's suggested range. Please consult your battery manufacturer for the	135.6Khrs min. MIL-HDBK-217F (25°C) 230*158*67mm(L*W*H) 2.2Kg; 6pcs/14.2Kg/1.76CUFT NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temply is considered a component which will be installed into a final equipment. The final equipment.		

勝 特 力 材 料 886-3-5753170 胜特力电子(上海) 86-21-54151736 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw





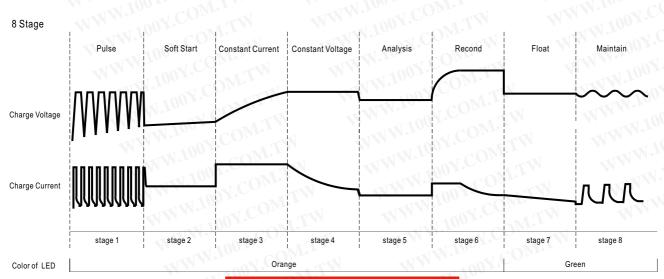
■ Charging Curve



Control Pin No. Assignment(CN100): HRS DF11-10DP-2DS or equivalent

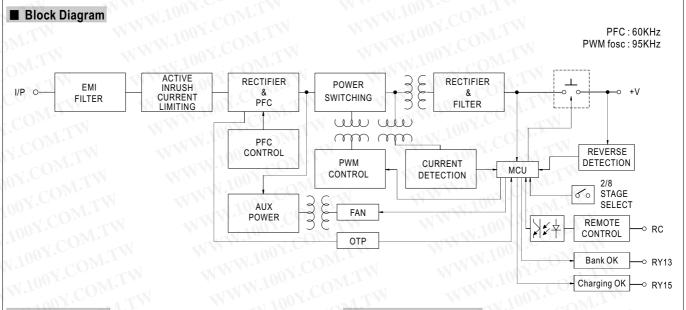
	Pin No.	Assignment	Pin No.	Assignment	Mating Housing	Terminal
	1,2	RY13	8	$NTC(5K\Omega)$	Y COL	
U	3,4	NC	9	RC-	HRS DF11-10DS	HRS DF11-**SC
	5,6	RY15	10	RC+	or equivalent	or equivalent
V	7	GND			VIN TO	COM

RY13: Bank A OK RY15: Charging OK NTC / GND : Temperature sense RC+ / RC-: Remote ON/OFF

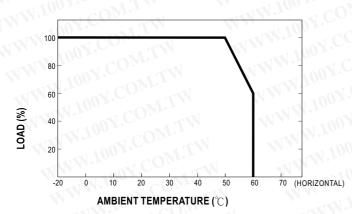


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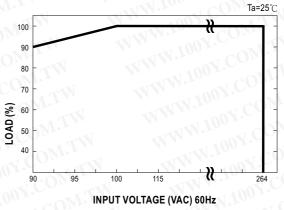




■ Derating Curve



■ Static Characteristics



■ Function Description of CN100

Pin No.	Function	Description	
1,2	RY13	Relay contact rating(max.) : 30V/1A resistive. ; "Short" when the battery is full, "Open" when the battery is still charging	
5,6	RY15	Relay contact rating(max.): 30V/1A resistive.; "Short" when the unit is working properly, "Open" when the unit stop charging	
7,8	GND / RTH	Temperature sensor comes along with the charger can be connected to the unit to allow temperature compensation of the charging voltage	
9,10	RC-/RC+	Turn the output on and off by electrical or dry contact between pin 10 (RC+) and pin 9(RC-) Open: Normal work, Short: Stop charging	
		Open . Normal work , Short . Stop charging	

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■ The Function of LEDs

Battery	Color of LED		
Fail	Red		
Charging	Orange		
Battery Full	Green		

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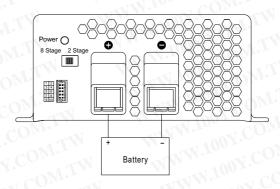
■ Function Manual

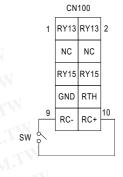
1.Remote Control

The charger can be turned ON/OFF by using the

"Remote Control" function.

Between RC+(pin10) and RC-(pin9)	Charging
SW Open	ON
SW Short	OFF

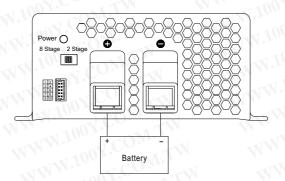




2. 2 or 8 stage charging select

The charger features user selectable 2 or 8 stage charging. The charging profile is selected by moving the slide switch on the back panel.

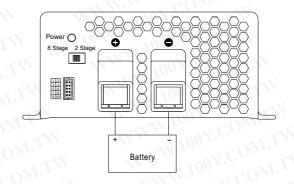
Switch	Charging mode 2 stage charging		
Turn right			
Turn left	8 stage charging		

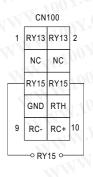


	CN	100	
1	RY13	RY13	2
	NC	NC	
	RY15	RY15	
	GND	RTH	-
9	RC-	RC+	10

3.Charging OK (RY15)

Charger	Between pin5 and pin6(RY15)
Normal work	ON (Short)
Stop charging	OFF (Open)





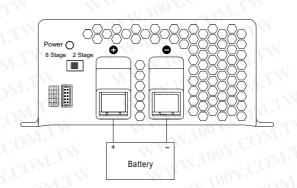
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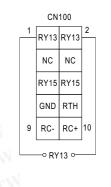


4.Output OK (RY13)

1.Bank OK (RY13)

Bank	Between pin1 and pin2(RY13)	Color of LED
Battery Full	ON (Short)	Green
Charging	OFF (Open)	Orange





5.Temperature compensation

Temperature sensor comes along with the charger can be connected to the unit to allow temperature compensation of the charging voltage.

If the sensor is not used, the charger still works normally.

