

# SMART BATTERY CHARGER – 12V/120A & 24V/60A



## Features

- Microprocessor Controller Inside
- Full Range Input
- Power Factor Correction > 0.97
- High Efficiency > 90%
- 4 Stages Charging : I-U<sub>0</sub>-U  
-Equalization
- Battery Charger and Power Supply Selectable
- Compact and Light Weight

WSC-12120, WSC-2460



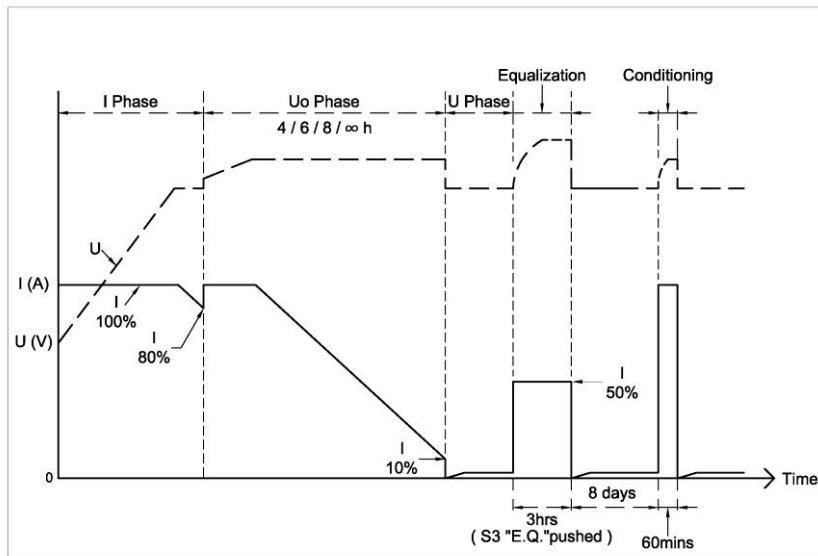
RC-600



RC-601D



TF-100



# Specifications

	<b>WSC-12120</b>	<b>WSC-2460</b>
Input voltage range	120-240VAC (108-264VAC)	
Input frequency	50-60Hz	
Power factor correction	>0.97	
Efficiency at 230VAC	>92%	>94%
Efficiency at 115VAC	>90%	>92%
Input current at 230VAC	8.48A	8.40A
Input current at 115VAC	17.38A	17.05A
Charge mode	Normal 3-Stage/Equalization 4-Stage	Normal 3-Stage/Equalization 4-Stage
Output charging voltage	14V/14.4V/14.8V	28V/28.8V/29.6V
Output float voltage	13.5V/13.8V	27V/27.6V
Output power mode voltage	13.2V	26.4V
Output charging current	0-120A	0-60A
Equalization mode	14.8V/15.5V (0-60A)	29.6V/31V (0-30A)
Half power mode (Silent mode)	0-60A	0-30A
Battery connection	3	3
Battery types	Lead-acid/GEL/AGM/Li-Ion	Lead-acid/GEL/AGM/Li-Ion
Battery capacity	1200Ah	600Ah
Operating temperature	-20°C ~ +50°C	-20°C ~ +50°C
Storage temperature	-40°C ~ +85°C	-40°C ~ +85°C
Air humidity	10 - 90%	10 - 90%
Remote control (accessory)	RC-600 / RC-601D	RC-600 / RC-601D
Temperature compensation (accessory)	TF-100	TF-100
Dimensions (mm) L*W*H	357*210*75	357*210*75
Weight	3.6Kg	3.6Kg
Safety Standard :	EN 60335-1 EN 60335-2-29	EN 60335-1 EN 60335-2-29
EMC Standard:	EMI : EN 55014-1	EMI : EN 55014-1
	EN 61000-3-2	EN 61000-3-2
	EN 61000-3-3	EN 61000-3-3
	EMS : EN 55014-2	EMS : EN 55014-2
	IEC 61000-4-2,3,4,5,6,11	IEC 61000-4-2,3,4,5,6,11
Protective devices:	short circuit protection	short circuit protection
	Over voltage protection	Over voltage protection
	Over current protection	Over current protection
	Battery charger over	Battery charger over
	Battery over temperature	Battery over temperature