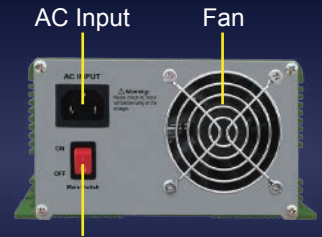
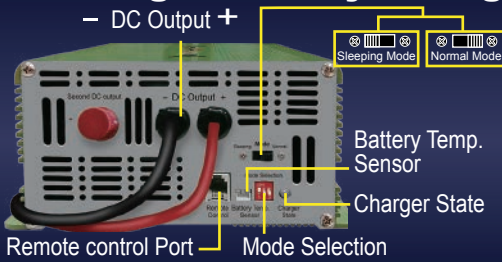


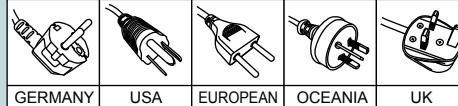
## Multistage Battery Charger



HT-C-60-12 ; HT-C-30-24

1. PFC function.
2. Sleeping mode function.
3. Wide input voltage (universal) range operation.
4. LCD remote control.
5. Battery temperature sensor function.
6. Tri-LED color indicator for different charge stage.
7. Prevent the battery overcharging, and extend the battery life.
8. For recovery of the aging (sulfated) battery.

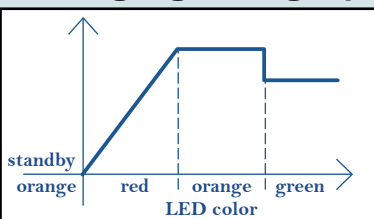
### Wire Type:



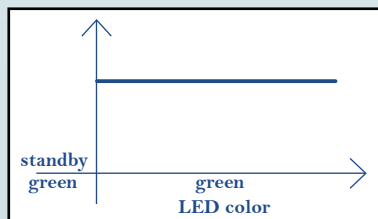
### SPECIFICATION

Model	HT-C-60-12		HT-C-30-24	
<b>INPUT</b>				
Voltage range	100 ~ 240VAC			
Frequency range	50/60Hz			
Efficiency	>=85%			
Power factor	1.0 at full load (+/-5%)			
Input socket	IEC plug			
<b>OUTPUT</b>				
<b>Mode Selection</b>	<b>Mode 1</b>	<b>Mode 2</b>	<b>Mode 1</b>	<b>Mode 2</b>
Bulk Stage	14.4V / 60A	13.5V / 60A	28.8V / 30A	27V / 30A
Absorption stage	14.4V / 60A max.	13.5V / 60A	28.8V / 30A max.	27V / 30A
Float stage	13.5V / 2A max.	13.5V / 60A	27.0V / 1A max.	27V / 30A
Aging (sulfated) battery	When the battery <9V.		When the battery <18V.	
	14.4V / 5A	13.5V / 5A	28.8V / 2.5A	27.0V / 2.5A
Recommended battery capacity	180 ~ 600Ah (12V)		90 ~ 300Ah (24V)	
Leakage current from battery	<1mA			
Sleeping Mode Function	YES ( 5A current output only)	/	YES ( 2.5A current output only)	/
<b>PROTECTION</b>				
Over temperature	55°C±5°C			
Output terminal reverse	By fuse			
Overload	YES			
Output short circuit	YES			
Microprocessor check	YES			
<b>ENVIRONMENT</b>				
WORKING TEMP.	-15°C ~ +45°C			
WORKING HUMIDITY	20 ~ 90% RH non-condensing			
STORAGE TEMP., HUMIDITY	-30°C ~ +70°C (-22°F ~ +158°F) , 10 ~ 95% RH			
TEMP. COEFFICIENT	±0.05%/°C (0 ~ 50°C)			
<b>SAFETY&amp;EMC</b>				
EMI conduction & raiation	Compliance to EN55014-1, EN/IEC 61000-3-2			
EMS immunity	Compliance to EN55014-2, EN/IEC 61000-4-2, EN/IEC 61000-4-4, EN/IEC 61000-4-5, EN/IEC 61000-4-6, EN/IEC 61000-4-11			
LVD	Compliance to EN60335-1, EN60335-2-29			
<b>OTHER</b>				
Remote control	YES			
Dimension (L x W x H)	328 x 179 x 90mm			
Weight	4.0kgs			

### Charging volt graph (0:OFF)



**Mode 1: (100)**  
Battery charger mode.



**Mode 2: (003)**  
Power supply mode.

### Multistage Battery Charger

