



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

Multistage Battery Charger

- (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) Adjustable switch for different lead-acid battery types.
- (8) Prevent the battery overcharging, and extend the battery life.
- (9) For recovery of the aging (sulfated) battery.

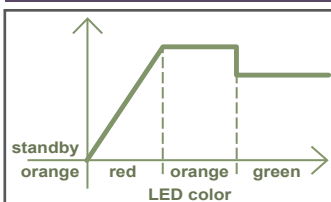
Wire Type:



Specification

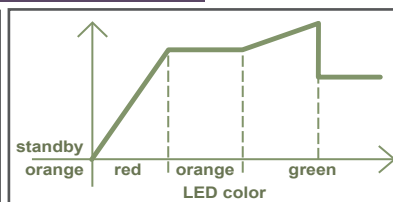
Model	HT-C-60-12							HT-C-30-24						
INPUT														
Voltage range	100~240Vac													
Frequency range	50/60Hz													
Efficiency	>=85%													
Power factor	1.0 at full load (+/-5%)													
Input socket	IEC plug													
OUTPUT														
Mode Selection	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Mode 6	Mode 7	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Mode 6	Mode 7
Bulk Stage	14.7V, 60A			14.1V, 2A	14.7V, 2A	12.2V, 60A	13.5V, 60A	29.4V, 30A			28.2V, 1A	29.4V, 1A	24.5V, 30A	27V, 30A
Absorption stage (I)	14.7V, 60A max.	14.1V, 60A max.	14.7V, 60A max.	14.1V, 2A max.	14.7V, 2A max.	12.2V, 60A	13.5V, 60A	29.4V, 30A max.	28.2V, 30A max.	28.2V, 30A max.	28.2V, 1A max.	29.4V, 1A max.	24.5V, 30A	27V, 30A
Absorption stage (II)	/	/	14.7V, 2A max.	/	/	/	/	/	/	29.4V, 1A max.	/	/	/	/
Float stage	13.5V, 2A max.					12.2V, 60A	13.5V, 60A	27.0V, 1A max.					24.5V, 30A	27V, 30A
Max. current output	60A							30A						
Continuous current output	60A							30A						
Recommended battery capacity	180 ~ 600Ah (12V)					/	/	90 ~ 300Ah (24V)					/	
Leakage current from battery	<1mA					/	/	<1mA					/	
Sleeping Mode Function	YES (5A current output only)					/	/	YES (2.5A current output only)					/	
PROTECTION														
Over temperature	55°C±5°C													
Input terminal reverse	By fuse													
Overload	YES													
Output short circuit	YES													
Microprocessor check	YES													
ENVIRONMENT														
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)													
SIZE														
Dimension (L x W x H)	328 x 179 x 90 mm													
Weight	4.0 kgs													

Charging volt graph (0:OFF ■)

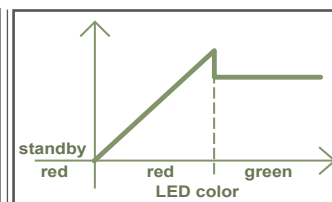


Mode 1: (100)
For lead storage battery.

Mode 2: (120)
For gel battery.

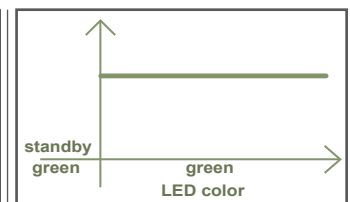


Mode 3: (003)
Suitable for re-charging lead storage battery, which is in good condition battery and completely disconnected from the devices it runs.



Mode 4: (020)
For recovery of sulfated (aging) gel battery.

Mode 5: (023)
For recovery of sulfated (aging) lead storage battery.



Mode 6: (123)
DC power supply.
12.2V (for 12V spec.) / 24.5V (for 24V spec.)

Mode 7: (000)
DC power supply.
13.5V (for 12V spec.) / 27V (for 24V spec.)

