

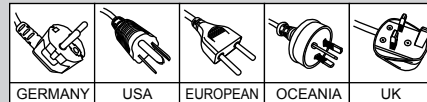
Multistage battery charger (Bulk-Absorption-Float)



1. PFC function.
2. Sleeping mode function.
3. Wide input voltage range operation.
4. Battery Temperature sensor function.
5. Tri-LED color indicator for different charge stage.
6. Adjustable switch for different lead-acid battery types.

7. Prevent the battery overcharging, and extend the battery life.

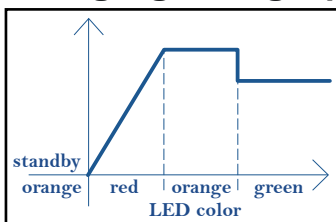
Wire Type:



SPECIFICATION

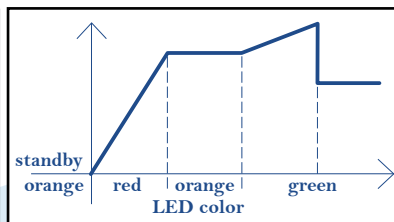
Model	HT-C-25-12							HT-C-13-24						
INPUT														
Voltage range	90 ~ 264VAC													
Frequency range	45 ~ 65Hz													
Efficiency	>=85%													
Power factor	1.0 (115VAC), or 1.0 (230VAC) at full load (±5%)													
Input socket	IEC plug													
OUTPUT														
Mode 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
Standby	14.7V, 2A	14.1V, 2A	14.1V, 2A	14.1V, 2A	15.3V, 2A	12.2V, 25A	13.5V, 25A	29.4V, 1A	28.2V, 1A	28.2V, 1A	28.2V, 1A	30.6V, 1A	24.5V, 13A	27V, 13A
Bulk Stage	15.3V, 25A			14.1V, 2A	15.3V, 2A	12.2V, 25A	13.5V, 25A	30.6V, 13A			28.2V, 1A	30.6V, 1A	24.5V, 13A	27V, 13A
Absorption stage (I)	14.7V, 25A~0A	14.1V, 25A~0A	14.1V, 25A~0A	14.1V, 2A~0A	15.3V, 2A~0A	12.2V, 25A	13.5V, 25A	29.4V, 13A~0A	28.2V, 13A~0A	28.2V, 13A~0A	28.2V, 1A~0A	30.6V, 1A~0A	24.5V, 13A	27V, 13A
Absorption stage (II)	/	/	15.3V, 2A max	/	/	/	/	/	/	30.6V, 1A max	/	/	/	/
Float stage	13.5V, 2A max					12.2V, 25A	13.5V, 25A	27V, 1A max					24.5V, 13A	27V, 13A
Max. current output	25A							13A						
Continuous current output	25A							13A						
Recommended battery capacity	75 ~ 250Ah (12V)							/	45 ~ 150Ah (24V)					/
Leakage current from battery	<1mA							/	<1mA					/
Sleeping Mode Function	YES (1/3 current output only)							/	YES (1/3 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)	250 x 142 x 65mm													
Weight	2.1kgs													

Charging volt graph (0: OFF)

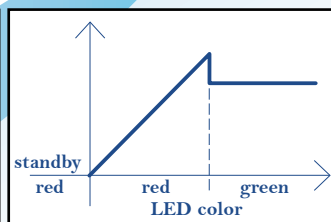


Mode 1: (100)
 For lead storage battery.

Mode 2: (120)
 For gel battery.

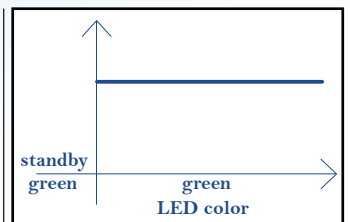


Mode 3: (003)
 Suitable for re-charging lead storage battery, which is in good condition battery and completely disconnected from the devices it runs.



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.)