

# CH3512

# CH3524

## Automatic Battery Charger

### Wide Input Range 100~240 VAC

#### Features

- Short Circuit & Reverse Polarity Protection
- Automatic Charging Under All Conditions
- Compact Size & High Efficiency
- Low Battery Voltage Monitor With Dry Contacts Opening or Closing Under Fault
- Charging Current LED Indicators
- No Current Drain When Input Power Is Off



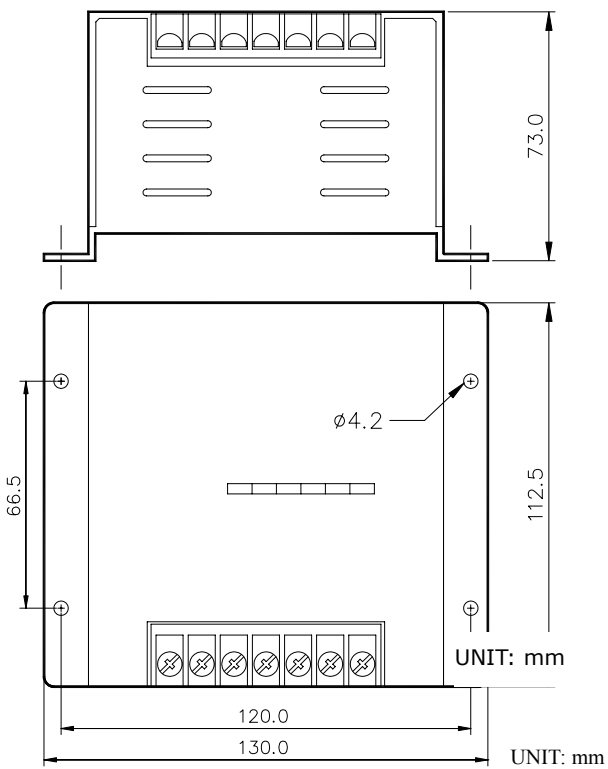
#### Specifications

<b>Power Input</b>	Voltage	100 ~ 240VAC	<b>DC Voltage Regulation</b>	< ±1%
	Frequency	50 / 60Hz	<b>Efficiency</b>	>80% @ Full load
<b>DC Output</b>	CH3512 Voltage	13.8 VDC / Current 5A	<b>Contact Capacity</b>	0.5A @120VAC
	CH3524 Voltage	27.6 VDC / Current 3A	<b>Protection</b>	Reverse polarity, over-voltage, short circuit, current limiting
<b>Charge Mode</b>	Float charge		<b>Weight</b>	CH3512 / CH3524 0.82 Kg ±2%
<b>Dimension</b>	112.5 (L) x 130 (W) x 73 (H) mm			

#### Environment

<b>Operation Temperature</b>	10 ~ 40°C	<b>Relative Humidity</b>	Maximum 90%
<b>Vibration</b>	5 ~ 30 Hz 1.5 G , 30 ~ 500 Hz 5.0 G	<b>Storage Temperature</b>	-20 ~ 60°C

#### Mechanical Specifications



#### CH3512 Display Board

	PL	1.2	2.5	3.7	5.0
	Batt <10V	Charge Current(A)			
AUTOMATIC BATTERY CHARGER					
MODEL: CH3512	<b>12V</b> USE ONLY	Power :100~240Vac	50/60Hz	Output :13.8Vdc	5Aadc
POWER L1 L2	LOW DC	OUTPUT	+ -		

#### CH3524 Display Board

	PL	0.7	1.5	2.2	3.0
	Batt <20V	Charge Current(A)			
AUTOMATIC BATTERY CHARGER					
MODEL: CH3524	<b>24V</b> USE ONLY	Power :100~240Vac	50/60Hz	Output :27.6Vdc	3Aadc
POWER L1 L2	LOW DC	OUTPUT	+ -		