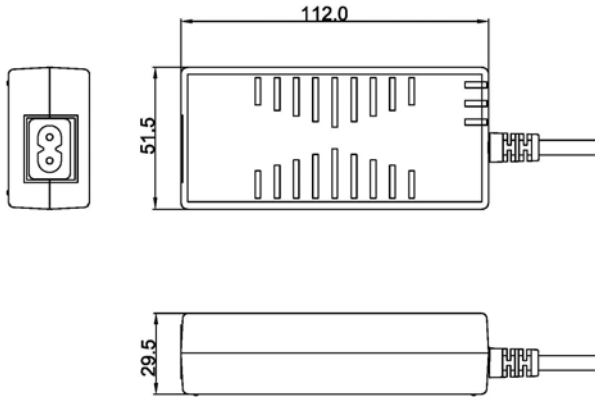




**Bobbintron Smart Charger #II**

**Micro-processed SLA battery charger to detect a sulfated or resistive false battery status available**



**Electrical specifications :**

**Input:**

Voltage..... 100-240VAC  
Current.....0.7A rms Max  
Frequency.....50-60 Hz

**Output:**

Voltage (Vo)..... (see table)  
Tolerance.....+/- 5%  
Power (Po).....30 W  
Hold up time.....8mS min at Full Load, 115VAC  
Over voltage protection.....Built-in  
Short circuit protection.....Hiccup Mode, Auto Recovery  
Efficiency.....70% min, at Full Load and 115VAC  
Ripple/Noise (Vp-p).....2% (20M Hz Bandwidth)  
Calculated MTBF..... Over 100 Khr at 25C

**Feature:**

Universal Input 100V to 240VAC  
IEC Socket C8 Input  
Two-Stage Lead Acid Battery Charger with  
Micro-Controller  
Two LED Indicator displaying the status

**Environmental :**

Operating Temperature:  
0 deg. C to 40 deg. C  
Storage Temperature:  
-20 deg. C to 80 deg.C

**Output Electronic Specifications:**

Model No.	Po	Vo	Io
AP0301-12	30W	14.7VDC	2.0A
AP0301-24	30W	29.4VDC	1.0A

(在此插入 Waveform of normal, Sulfated or Resistive 檔圖表)

**EMI:**

Meet FCC Class B and  
CISPR 22 Class B

**Safety:**

UL/cUL/CE(to be applied)