

# YPC4A24

## Yu-Power™ Intelligent battery charger



- Multi stage and proportional timed charging management
- Suitable for VRLA, Car and Motorcycle batteries
- High frequency switch mode design
- Multi level charging protection

### SPECIFICATIONS

Input Voltage	220-260	VAC
Input Voltage frequency	50	Hz
Output Voltage - Absorption	14.4	VDC
Output Voltage - Float	13.65	VDC
Output Current	8	A

### DIMENSIONS

Length	190	mm
Width	92	mm
Height	55	mm
Mass (typical)	0.86	kg

### Plugs and connectors

Input	Euro with UK adaptor	
Output	Torbury type	
Included adaptors	YPCCLIP (Torbury to clips)	

### Power leads

Input	1.8	M
Output	1.2	M
Vehicle/trailer to clips	0.6	M

### Operating environment

Temperature	0°C to +40°C	
Humidity	90% non condensing	

### Battery

Suitable battery capacity range	12 to 40	Ah
Battery chemistry	All lead acid types	

# YPCTESTMC

## Yu-Power™ 12 Volt battery checker



- Simple voltage check gives indication of state of charge
- Suitable for Motorcycle batteries
- Ring connector can be left permanently connected to battery allowing tester or charger to be connected using vehicle type plug

### SPECIFICATIONS

Input Voltage	3 to 14	VAC
---------------	---------	-----

### DIMENSIONS

Length	46	mm
Width	20	mm
Height	13	mm
Mass (typical)	0.01	kg

### Plugs and connectors

Input	Vehicle/trailer	
Included adaptors	Vehicle/trailer to clips	

### Power leads

Input	N/A	M
Vehicle/trailer to clips	0.6	M

### Operating environment

Temperature	0°C to +40°C	
Humidity	90% non condensing	

### Battery

Suitable battery capacity range	Any 12 Volt	Ah
Battery chemistry	Vehicle lead acid	

# Accessories



**YPCCLIP**

**YPCCLIPMC**

**YPCPK**

**YPCRINGMC**

## Installation

Chargers are designed for indoor use do not expose to rain.

## Battery

Do not attempt to charge a non lead acid battery with this charger. Never attempt to charge a damaged or frozen battery or non rechargeable battery.

## Gas Release

VRLA Batteries release hydrogen gas which can form explosive mixtures in air. Do not place inside a sealed container.

## Recycling

Yu-Power Chargers must be recycled at the end of life in accordance with local and national laws and regulations.

For further information visit  
[www.yuasa-battery.co.uk](http://www.yuasa-battery.co.uk) or call  
**08708 500 312**



Distributor



**YUASA**

Yuasa Battery Sales (UK) Ltd  
Unit 13, Hunts Rise,  
South Marston Industrial Park,  
Swindon SN3 4TG

Tel: 08708 500 312

Email: [enquiries@yuasaeurope.com](mailto:enquiries@yuasaeurope.com)



**YUASA**

**Yu-Power™**  
Intelligent  
battery chargers



# Yu-Power™

For centuries the world was believed to be flat; even Christopher Columbus encountered stiff resistance about his idea of sailing off west to try and reach the East Indies.

With Yu-Power™ the new intelligent battery chargers from Yuasa, the world will never be flat again; instead it is a world full of batteries appropriately charged for optimum performance.

Yu-Power™ intelligent chargers utilise multi stage proportional timing technology to ensure safe and efficient charging of lead acid batteries.

The use of proportional timing during the bulk charging mode ensures the best balance of maximum state of charge, without damaging the battery before switching to the float charging mode. Once in float charge mode the charger will charge the battery and maintain it at 100% state of charge whilst using an ECO mode to save power.

The intelligence of these chargers is further demonstrated by employing a combination of cut off systems, which prevents overcharging of the battery.

Within the Yu-Power™ range there are charger types suitable for VRLA, car motorcycle batteries.

**Your world will never be flat again.**  
**For further information visit**  
**[www.yuasa-battery.co.uk](http://www.yuasa-battery.co.uk) or call**  
**08708 500 312**

# YPC09A12MC

## Yu-Power™ Intelligent battery charger



- Multi stage and proportional timed charging management
- Suitable for Motorcycle batteries

### SPECIFICATIONS

Input Voltage	230	VAC
Input Voltage frequency	50	Hz
Output Voltage - Absorption	14.4	VDC
Output Voltage - Float	13.3-13.6	VDC
Output Current	0.9	A

### DIMENSIONS

Length	95.5	mm
Width	66	mm
Height	87.5	mm
Mass (typical)	0.51	kg

### Plugs and connectors

Input	UK plug top
Output	Vehicle/trailer
Included adaptors	Vehicle/trailer to clips

### Power leads

Input	N/A	M
Output	1.2	M
Vehicle/trailer to clips	0.6	M

### Operating environment

Temperature	0°C to +40°C
Humidity	90% non condensing

### Battery

Suitable battery capacity range	up to 20	Ah
Battery chemistry	All lead acid	

# YPC2A6

## Yu-Power™ Intelligent battery charger



- Euro to UK plug adaptor included
- Multi stage and proportional timed charging management
- Suitable for VRLA, Car and Motorcycle batteries
- High frequency switch mode design
- Multi level charging protection

### SPECIFICATIONS

Input Voltage	220-260	VAC
Input Voltage frequency	50	Hz
Output Voltage - Absorption	7.2	VDC
Output Voltage - Float	6.83	VDC
Output Current	2	A

### DIMENSIONS

Length	140	mm
Width	65	mm
Height	42	mm
Mass (typical)	0.45	kg

### Plugs and connectors

Input	Euro with UK adaptor	
Output	Vehicle/trailer	
Included adaptors	Vehicle/trailer to clips	

### Power leads

Input	1.8	M
Output	1.2	M
Vehicle/trailer to clips	0.6	M

### Operating environment

Temperature	0°C to +40°C	
Humidity	90% non condensing	

### Battery

Suitable battery capacity range	6 to 20	Ah
Battery chemistry	All lead acid types	

# YPC2A12

## Yu-Power™ Intelligent battery charger



- Multi stage and proportional timed charging management
- Suitable for VRLA, Car and Motorcycle batteries
- High frequency switch mode design
- Multi level charging protection

### SPECIFICATIONS

Input Voltage	220-260	VAC
Input Voltage frequency	50	Hz
Output Voltage - Absorption	14.4	VDC
Output Voltage - Float	13.65	VDC
Output Current	2	A

### DIMENSIONS

Length	140	mm
Width	65	mm
Height	42	mm
Mass (typical)	0.45	kg

### Plugs and connectors

Input	Euro with UK adaptor	
Output	Vehicle/trailer	
Included adaptors	Vehicle/trailer to clips	

### Power leads

Input	1.8	M
Output	1.2	M
Vehicle/trailer to clips	0.6	M

### Operating environment

Temperature	0°C to +40°C	
Humidity	90% non condensing	

### Battery

Suitable battery capacity range	6 to 20	Ah
Battery chemistry	All lead acid types	

# YPC4A12

## Yu-Power™ Intelligent battery charger



- Multi stage and proportional timed charging management
- Suitable for VRLA, Car and Motorcycle batteries
- High frequency switch mode design
- Multi level charging protection

### SPECIFICATIONS

Input Voltage	220-260	VAC
Input Voltage frequency	50	Hz
Output Voltage - Absorption	14.4	VDC
Output Voltage - Float	13.65	VDC
Output Current	4	A

### DIMENSIONS

Length	164	mm
Width	85	mm
Height	55	mm
Mass (typical)	0.62	kg

### Plugs and connectors

Input	Euro with UK adaptor	
Output	Torbury type	
Included adaptors	YPCCLIP (Torbury to clips)	

### Power leads

Input	1.8	M
Output	1.2	M
Vehicle/trailer to clips	0.6	M

### Operating environment

Temperature	0°C to +40°C	
Humidity	90% non condensing	

### Battery

Suitable battery capacity range	12 to 40	Ah
Battery chemistry	All lead acid types	

# YPC8A12

## Yu-Power™ Intelligent battery charger



- Multi stage and proportional timed charging management
- Suitable for VRLA, Car and Motorcycle batteries
- High frequency switch mode design
- Multi level charging protection

### SPECIFICATIONS

Input Voltage	220-260	VAC
Input Voltage frequency	50	Hz
Output Voltage - Absorption	14.4	VDC
Output Voltage - Float	13.65	VDC
Output Current	8	A

### DIMENSIONS

Length	190	mm
Width	92	mm
Height	55	mm
Mass (typical)	0.86	kg

### Plugs and connectors

Input	Euro with UK adaptor	
Output	Torbury type	
Included adaptors	YPCCLIP (Torbury to clips)	

### Power leads

Input	1.8	M
Output	1.2	M
Vehicle/trailer to clips	0.6	M

### Operating environment

Temperature	0°C to +40°C	
Humidity	90% non condensing	

### Battery

Suitable battery capacity range	12 to 40	Ah
Battery chemistry	All lead acid types	