# 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	Α
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	М
Output	1.2	M
Vehicle/trailer to clips	0.6	М
Operating environment		
Temperature	0°C to +40°C 90% non condensing	
Humidity		
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**



### 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.





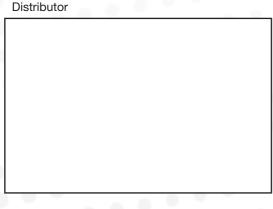




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For further information visit www.yuasa-battery.co.uk or call

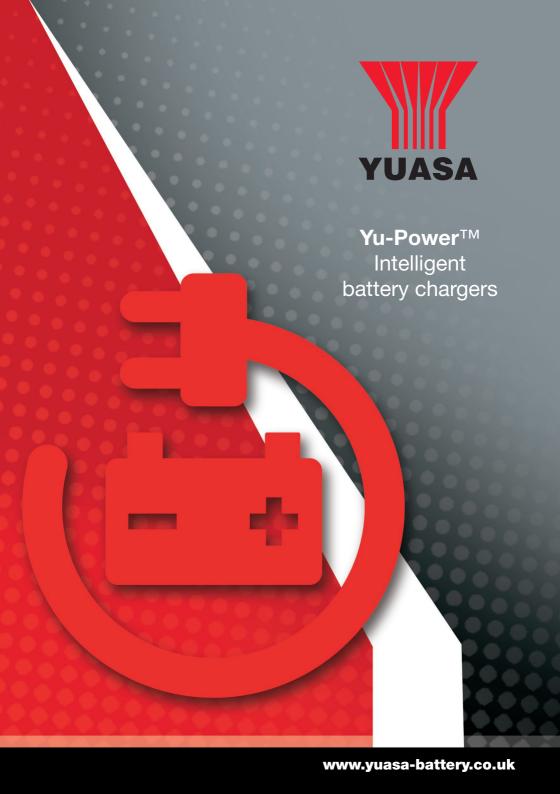




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## Yu-Power™

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<sup>™</sup> 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 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	Α
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	Α
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	Α
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 ad	cid 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	Α
DIMENSIONS		
Length	164	mm
Width	85	mm
Height	55	mm
Mass (typical)	0.62	kg
Plugs and connectors		
Input	Euro with UK adaptor Torbury type	
Output		
Included adaptors	YPCCLIP (Torbury to clip	
Power leads		
Input	1.8	M
Output	1.2	М
Vehicle/trailer to clips	0.6	М
Operating environment		
Temperature	0°C to -	+40°C
Humidity	90% non co	ondensing
Battery		
Suitable battery capacity range	12 to 40	Ah
Battery chemistry	All lead ad	cid 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	Α	
DIMENSIONS			
Length	190	mm	
Width	92	mm	
Height	55	mm	
Mass (typical)	0.86	kg	
Plugs and connectors			
Input	Euro with U	K adaptor	
Output	Torbury	type	
Included adaptors	YPCCLIP (Torl	(Torbury to clips)	
Power leads			
Input	1.8	М	
Output	1.2	M	
Vehicle/trailer to clips	0.6	M	
Operating environment			
Temperature	0°C to -	+40°C	
Humidity	90% non co	ondensing	
Battery			
Suitable battery capacity range	12 to 40	Ah	
Battery chemistry	All lead ad	cid types	