



YUASA

Yu-Power™
Intelligent
battery chargers



www.yuasaeurope.com

Yu-Power™

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 and motorcycle batteries.



For further information visit
www.yuasaeurope.com or call
08708 500 312

YPC09A12MC

Yu-Power™ Intelligent Motorcycle battery charger



- UK plug top style
- Multi stage 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 MC types

YPC2A6

Yu-Power™ Intelligent battery charger



- Euro to UK plug adaptor included
- Multi stage and proportional timed charging management
- Suitable for VRLA, Automotive 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



- Euro to UK plug adaptor included
- Multi stage and proportional timed charging management
- Suitable for VRLA, Automotive 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



- Euro to UK plug adaptor included
- Multi stage and proportional timed charging management
- Suitable for VRLA, Automotive 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



- Euro to UK plug adaptor included
- Multi stage and proportional timed charging management
- Suitable for VRLA, Automotive 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	30 to 100 Ah
Battery chemistry	All lead acid types

YPC4A24

Yu-Power™ Intelligent battery charger



- Euro to UK plug adaptor included
- Multi stage and proportional timed charging management
- Suitable for VRLA, Automotive 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	28.8	VDC
Output Voltage - Float	27.3	VDC
Output Current	4	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
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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



Torbury to clips adaptor

YPCCLIP



Motorcycle plug to clips adaptor

YPCCLIPMC



Torbury to T-bar golf caddy adaptor

YPCPK



Motorcycle plug to ring connectors with fuse

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.yuasaeurope.com or call
08708 500 312

Distributor



YUASA

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