

# YU-POWER INTELLIGENT BATTERY CHARGERS AND ACCESSORIES USING MICRO PROCESSOR CONTROLLED TECHNOLOGY

Intelligent battery chargers using multi-stage proportional timing technology.  
Ambient temperature range 0 to +40 deg C.  
Humidity 90% non condensing.

For indoor use only.  
For use with lead acid batteries only.  
Ready for connection to UK mains sockets.



These chargers utilise multi-stage proportional timing technology to ensure safe and efficient charging of lead acid batteries. The use of this technology ensures the best balance of maximum state of charge, without damaging the battery before switching to float charging mode. Once in float charge mode the charger will 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 over charging of the battery. Within the Yu-Power range there are charger types suitable for VRLA, car and motorcycle batteries.

A range of special fixing brackets for DIN rail or chassis mounting is available for all types.

Charger reference	Input V at 50HZ	Output V DC absorption	Output V DC float	Output current A	Dimensions in mm L x W x H : kg	Input connector	Output connector	Battery charging capacity	For battery chemistry
YPC09A 12MC	230V	14.4V	13.3~13.6V	0.9A	95.5 x 66 x 87.5 : 0.51	UK Plug top	1.2m Power lead Vehicle trailer/clips	Up to 20Ah	All lead acid MC types
YPC2A6	220~260V	7.2V	6.83V	2.0A	140 x 65 x 42 : 0.45	1.8m Power lead UK plug	1.2m Power lead Vehicle trailer/clips	6 to 20Ah	All lead acid types
YPC2A12	220~260V	14.4V	13.65V	2.0A	140 x 65 x 42 : 0.45	1.8m Power lead UK plug	1.2m Power lead Vehicle trailer/clips	6 to 20Ah	All lead acid types
YPC4A12	220~260V	14.4V	13.65V	4.0A	164 x 85 x 55 : 0.62	1.8m Power lead UK plug	1.2m Power lead YPCCLIP	12 to 40Ah	All lead acid types
YPC8A12	220~260V	14.4V	13.65V	8.0A	190 x 92 x 55 : 0.86	1.8m Power lead UK plug	1.2m Power lead YPCCLIP	30 to 100Ah	All lead acid types
YPC4A24	220~260V	28.8V	27.3V	4.0A	190 x 92 x 55 : 0.86	1.8m Power lead UK plug	1.2m Power lead YPCCLIP	12 to 40Ah	All lead acid types

## 12 Volt battery checker

Reference	Input voltage	Dimensions in mm L x W x H : (kg)	Input connector	Input adaptors	Suitable battery capacity range	For battery chemistry
YPCTESTMC	3V to 14V AC	46 x 20 x 13: 0.01	Vehicle trailer	Vehicle trailer to clips	Any 12V Ah	All lead acid MC types

## Accessories

Reference	Accessory type	Supplied with charger type
YPCCLIP	Torbury to clips adaptor	YPC4A12, YPC8A12, YPC4A24
YPCCLIPMC	Motorcycle plug to clips adaptor	YPC09A 12MC, YPC2A6, YPC2A12,
YPCPK	Torbury to Powakaddy adaptor	YPC4A12, YPC8A12, YPC4A24
YPCRINGMC	Motorcycle plug to ring connectors with fuse	



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