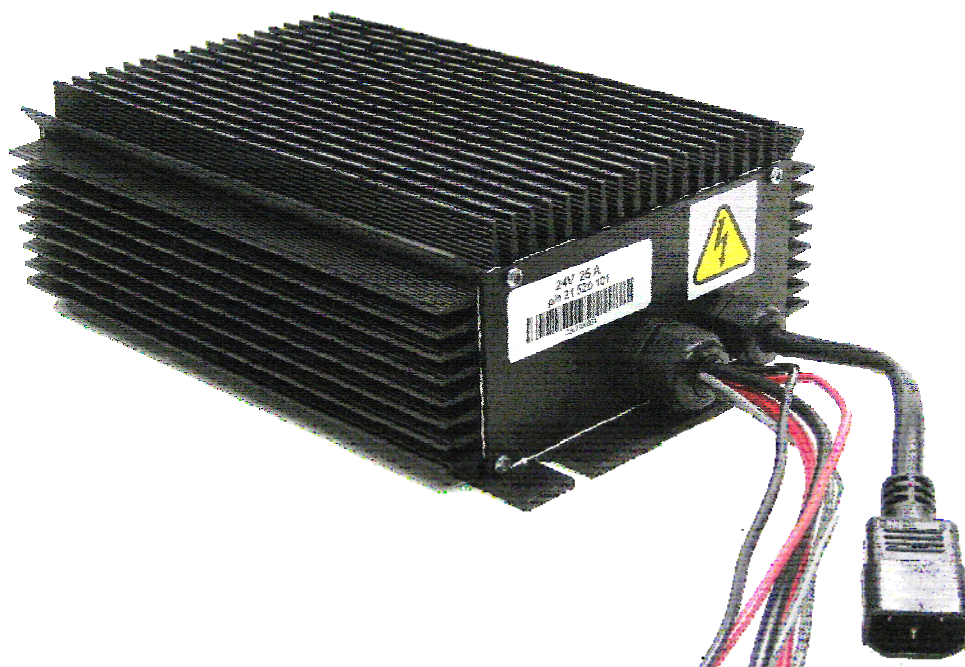


HF66



TECHNICAL FEATURES

- Universal input volt. 100Vac÷240Vac / 50÷60Hz
- High frequency system with advanced technology
- Charging process fully controlled by microchip
- Efficiency > 85%
- Charge cycle begins with battery as low as 2V
- Overload cut-out against overheating
- Environmentally protected **IP 66** rating
- CE compliant
- Output ripple less than 100mV
- Equipped with NC relay for safety interlock conn.
- Charging characteristics for lead-acid, Gel and AGM batteries (any other characteristic available on request)
- Easy selection of charging characteristics for lead-acid and for Gel or AGM batteries without opening the charger
- Remote indication of charge status (red/yellow/green) and failures
- Protection against polarity reversals, short circuits, over-voltages or failures
- Maximum relative humidity >90%
- Operating room temperature: -40 to +45 °C (-40 to +113 °F)
- Equipped with mains and battery cables
- Weight : 4.3 kg



Remote LED indicator

RED	First charge stage. Safety timer time exceeded or internal short circuit (led flashing). Battery charger configured for recharging Lead-acid traction batteries.
YELLOW	Second charge stage. Unsuitable or not connected battery; short circuit on output.
GREEN	End of charge or floating charge. Battery charger configured for recharging gel or AGM batteries.



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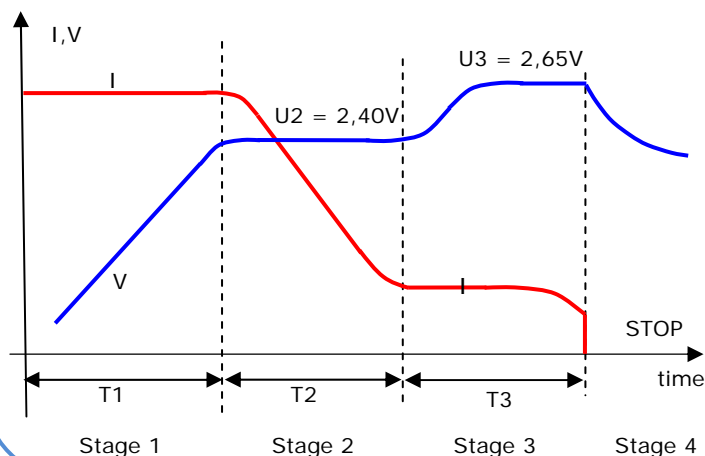
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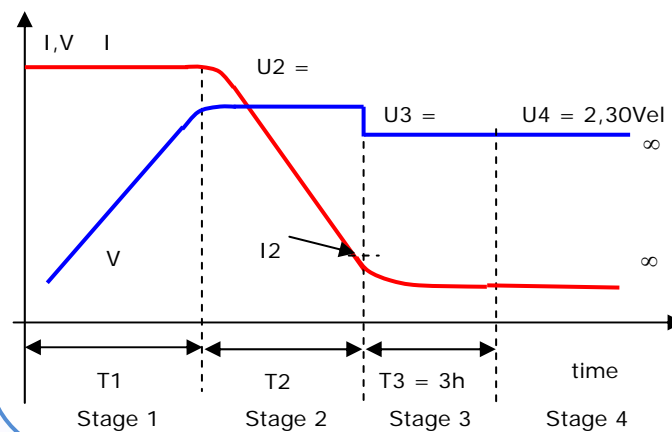


HF66

IUA charge characteristic for lead-acid batteries



IUUa0 charge characteristic for AGM / GEL batteries



- Charger suitable for on board installation or in environment where water, humidity and dust are present (cleaning machines, aerial platforms, electric vehicles).
- Equipped with standard N.C. contact to stop the machine during charging and LED indicator to check charging condition.
- Heat dissipation by natural convection by anodized aluminium body.

Model	VAC	P (kVA)	Battery Range (Ah/C5)	Dimensions LxWxH (mm)
HF66 12V/15A	100 ÷ 250 50/60 Hz	0,37	100 ÷ 150	312 x 185 x 89
HF66 12V/20A		0,50	120 ÷ 195	
HF66 12V/25A		0,63	175 ÷ 270	
HF66 24V/15A		0,75	100 ÷ 150	
HF66 24V/20A		1,00	120 ÷ 195	
HF66 24V/25A		1,25	175 ÷ 270	
HF66 36V/15A		1,13	100 ÷ 150	
HF66 36V/20A		1,50	120 ÷ 195	
HF66 48V/15A		1,50	100 ÷ 150	

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