

productinformation

Restrictions on operation with petrol generators

broncolor and VISATEC flash units should be connected to **generators with inverter technology** only.

On no account must they be connected to a conventional generator (e.g. Honda EM4500CX / EC5000 or units of other manufacturers without inverter technology), otherwise the unit will be subjected to inadmissible overvoltage which can cause considerable damage.

The following generators are recommended for use by broncolor:

230 V mains supply: Honda EU 30i, EU 30iS, EU 65iS
120 V mains supply: Honda EU 3000i, EU 3000iS, EU 6500iS

Guidelines on flash sequence times

Below, the **reference values** are compiled for the **flash sequence times** of the different types of units. If flash series are triggered that are faster than those specified below, the integrated protection system in the petrol generator will activate and switch off the unit. The values were measured on a 230 V generator.

Flash unit	Flash sequence time (maximum energy)*
1 x Senso A4	3.4 s
1 x Senso A2	1.9 s
1 x Scoro A4S	1.7 s
1 x Scoro A2S	0.75 s
1 x Grafit A4	7 s
1 x Grafit A2	3.5 s
1 x Topas A4	10 s
1 x Topas A2	4 s
1 x Nano A4	5 s
1 x Nano 2	3 s

* Operating conditions: Honda EU30is, ECO off

Flash unit

1 x Minipuls C200 / D160
2 x Minipuls C200 / D160
2 x Minipuls C40 / C80
2 x SOLO 1600 B / LOGOS 1600
1 x Minicom 160
1 x Minicom 80
1x Power Dock for the Verso

Flash sequence time (maximum energy)*

2.5 s = normal charging time
6 s
1.8 s = normal charging time
1.8 s = normal charging time
2.5 s = normal charging time
1.35 s = normal charging time
can be recharged without any problems

* Operating conditions: Honda EU30is, ECO off

Best regards

Bron Elektronik AG

Gordon Hein
Product Manager
broncolor / VISATEC

30 May, 2011