

NLG-programing on COM1:		V3.15, Brusa Elektronik (C) 1997
NOMINAL battery voltage 156.00 volts		
TEMPERATURE-COEFFICIENT		
temperature-coefficient of battery voltage ...	-0.20	%/°C
reference-temperature of battery voltages	30.00	°C
POWER-LIMITATORS		
maximum power from mains	3680.00	watts
maximum current from mains	16.00	amps
battery-temperature derating	4.00	amps./ °C
reference-temperature for derating to zero....	50.00	°C
turn-on temperature battery-temp.-hysteresis	50.00	°C
turn-off temperature battery-temp.-hysteresis	51.00	°C
TURN-OFF CRITERIONS		
battery-temperature above.....	55.00	°C
battery-voltage above	220.00	volts
consumed energy from mains more than.....	14.00	kWh
battery charged with more than.....	70.00	Ah
charging time more than.....	999.00	hours

section no. : >>> 1 <<<		battemp-	pass over to next section >>>>>>>>
I-limitation : 25.00 amps		limitat:	
U-limitation : 183.30 volt		Hysteres	criterion 1 : 1
<<<<< pass over to previous section			value 1 : 195.00 Volt
			absolute voltage above
criterion 1 :		criterion 2 :	2
value 1 :		value 2 :	4.00 Amp.
			absolute current below
criterion 2 :		criterion 3 :	12
value 2 :		value 3 :	720.00 min.
			absolute time in this section above
criterion 3 :		criterion 4 :	0
value 3 :		value 4 :	0.00
			no change of section
COMBINATION :		COMBINATION :	FFFFFFFFTTTTTTTTF
criterion 1 -> TFTFTFTF		criterion 1 -> TFTFTFTFTFTFTFTF	1:1
criterion 2 -> TTFFTTFF		criterion 2 -> TTFFTTFFTTFFTTFF	2:0
criterion 3 -> TTTTFFFF		criterion 3 -> TTTTFFFFTTTTFFFF	3:0
		criterion 4 -> TTTTTTTTFFFFFFFF	4:0

section no. : >>> 2 <<<	battemp-	pass over to next section >>>>>>>>
I-limitation : 3.00 amps	limitat:	
U-limitation : 195.00 volt	Hysteres	criterion 1 : 15
<<<<< pass over to previous section		value 1 : 8.00 Ah
		absolute charge in this section above
criterion 1 : 10		criterion 2 : 16
value 1 : 25.00 Amp.		value 2 : 0.00 Ah
absolute current above		multiplicated charge sum above
criterion 2 : 9		criterion 3 : 0
value 2 : 175.30 Volt		value 3 : 0.00
absolute voltage below		no change of section
criterion 3 : 0		criterion 4 : 0
value 3 : 0.00		value 4 : 0.00
no change of section		no change of section
COMBINATION : FFFFTTTF	multiplicat.-	COMBINATION : FFFFFFFFFFTTTF
criterion 1 -> TFTFTFTF	factors for	criterion 1 -> TFTFTFTFTFTFTFTF
criterion 2 -> TTFFTTTF	time 0.000	criterion 2 -> TTFFTTTFTTFTTFTTF
criterion 3 -> TTTTFFFF	charge 1.000	criterion 3 -> TTTTFFFFTTTTTTTTFF
	energy 0.000	criterion 4 -> TTTTTTTTTTTTTTTTFF

section no. : >>> 3 <<<	battemp-	pass over to next section >>>>>>>>
I-limitation : 9.00 amps	limitat:	
U-limitation : 176.80 volt	Hysteres	criterion 1 : 0
<<<<< pass over to previous section		value 1 : 0.00
		no change of section
criterion 1 : 0		criterion 2 : 0
value 1 : 0.00		value 2 : 0.00
no change of section		no change of section
criterion 2 : 0		criterion 3 : 0
value 2 : 0.00		value 3 : 0.00
no change of section		no change of section
criterion 3 : 0		criterion 4 : 0
value 3 : 0.00		value 4 : 0.00
no change of section		no change of section
COMBINATION : FFFFFFFF	multiplicat.-	COMBINATION : FFFFFFFFFFFFFFFF
criterion 1 -> TFTFTFTF	factors for	criterion 1 -> TFTFTFTFTFTFTFTFTF
criterion 2 -> TTFFTTTF	time 0.000	criterion 2 -> TTFFTTTFTTFTTFTTF
criterion 3 -> TTTTFFFF	charge 0.000	criterion 3 -> TTTTFFFFTTTTTTTTFF
	energy 0.000	criterion 4 -> TTTTTTTTTTTTTTTTFF

section no. : >>> 4 <<<	battemp-	pass over to next section >>>>>>>>
I-limitation : 0.00 amps	limitat:	
U-limitation : 0.00 volt	Hysteres	criterion 1 : 0
		value 1 : 0.00
<<<<< pass over to previous section		no change of section
criterion 1 : 0		criterion 2 : 0
value 1 : 0.00		value 2 : 0.00
no change of section		no change of section
criterion 2 : 0		criterion 3 : 0
value 2 : 0.00		value 3 : 0.00
no change of section		no change of section
criterion 3 : 0		criterion 4 : 0
value 3 : 0.00		value 4 : 0.00
no change of section		no change of section
COMBINATION : FFFFFFFF	multiplicat.-	COMBINATION : FFFFFFFF
criterion 1 -> TFTFTFTF	factors for	criterion 1 -> TFTFTFTFTFTFTFTFTF
criterion 2 -> TTFFTTFF	time 0.000	criterion 2 -> TTFFTTFFTTFFTTFF
criterion 3 -> TTTTFFFF	charge 0.000	criterion 3 -> TTTTFFFFTTTTTTTT
	energy 0.000	criterion 4 -> TTTTTTTTTTTTTTTTTT

section no. : >>> 5 <<<	battemp-	pass over to switch off
I-limitation : 0.00 amps	limitat:	
U-limitation : 0.00 volt	Hysteres	criterion 1 :
		value 1 :
<<<<< pass over to previous section		no change of section
criterion 1 : 0		criterion 2 :
value 1 : 0.00		value 2 :
no change of section		no change of section
criterion 2 : 0		criterion 3 :
value 2 : 0.00		value 3 :
no change of section		no change of section
criterion 3 : 0		criterion 4 :
value 3 : 0.00		value 4 :
no change of section		no change of section
COMBINATION : FFFFFFFF	multiplicat.-	COMBINATION :
criterion 1 -> TFTFTFTF	factors for	criterion 1 -> TFTFTFTFTFTFTFTFTF
criterion 2 -> TTFFTTFF	time 0.000	criterion 2 -> TTFFTTFFTTFFTTFF
criterion 3 -> TTTTFFFF	charge 0.000	criterion 3 -> TTTTFFFFTTTTTTTT
	energy 0.000	criterion 4 -> TTTTTTTTTTTTTTTTTT

