

Solar charge controller Smart-N5/Li series

The Smart-N5 (or SMR20-N5) comes with default settings that can be altered and programmed to suit user specific requirements. It is important that the solar charge controller is correctly programmed as requirements will differ between different battery chemistries:- ie Lithium Ion (Lilon) / Lithium Iron Phosphate (LiFePO4), Gel and Wet cell batteries.

Master Instruments' technical team can program the SMR20-N5 according to user requirements when we receive a completed copy of this form with a purchase order. Please contact our sales desk for programming costs.

BATTERY TYPE / CHEMISTRY

The SMR20-N5 comes with default settings that may not suit your type of batteries. What is the type/chemistry of your battery/ies? *Please tick.*

Gel
 Liquid
 Lithium Ion (Lilon)
 Lithium Iron Phosphate (LiFePO4)

OUTPUT FUNCTION

The SMR20-N5 features advanced light control function (see manual for more information). What is the best lighting mode for your needs? *Please tick.*

24 Hour
 Dusk to Dawn (D2D)
 5 Stage Night Mode*
 TOT Mode*

*For 5 Stage Night Mode and TOT mode, please consider purchasing a Smart Unit Controller (S-UNIT).

REQUIRED SETTINGS

The following settings are programmable within the stated ranges. *Please fill in as required.*

Charge Voltage Target (CVT) 11.0 ~ 32.0V	Charge Voltage Recovery (CVR) 9.5 ~ 31.8V	Low Voltage Disconnect (LVD) 8.0 ~ 30.0V	Low Voltage Reconnect (LVR) 8.6 ~ 31.0V
Volts	Volts	Volts	Volts

CUSTOMER DETAILS

Please fill in your details below to ensure you receive the controller programmed for you. We may keep this information for future reference so that should you repurchase the SMR20-N5, you won't need to complete this form again except when your requirements change.

MI ACCOUNT NUMBER:

ORDER NUMBER:

CONTACT NAME:

CONTACT NUMBER:

EMAIL:

DELIVERY INSTRUCTIONS (eg: send with order, send express post):

INTERNAL USE ONLY

UNIT ID No:

PROGRAMMED BY:

CHECKED BY:

DATE:

2023 Master Instruments SMR20-N5 Program Requirements Form.