



Germanischer Lloyd

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **54 758 - 08 HH**

Company **Victron Energy B.V.**
De Paal 35
1351 JG Almere, NETHERLANDS

Product Description **Battery charger**

Type **Skylla-TG 24/30, 24/50, 24/80, 24/100-G**

Environmental Category **C, EMC 1**

Technical Data /
Range of Application **Fully automatic charger for 24V batteries according to the IUoUo characteristic.**
Input voltage: 230V AC (range 185 ... 265 V AC)
Frequenc: 50Hz (range 45 ... 65 Hz)
Maximum input current (at 230V AC):
TG 24/30: 4A at 30V / 30A, TG 24/50: 8A at 30V / 50A
TG 24/80: 12A at 30V / 80A, TG 24/100-G: 16A at 30V / 100A
Recommended battery capacity:
TG 24/30: 100 ... 200Ah, TG 24/50: 200 ... 400Ah
TG 24/80: 300 ... 600Ah, TG 24/100-G: 500 ... 1000Ah
Boost charge voltage: 28,50 V DC
Float charge voltage: 26,50 V DC
Output voltage range: 24 ... 33 V DC
Maximum output current:
TG 24/30: 30A, TG 24/50: 50A, TG 24/80: 80A, TG 24/100-G: 100A
Protection category: IP 21
Software version: 020114.HEX

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003**

Documents **Test report : TÜV Rheinland EPS B.V. no. 07051401.env Rev.2.0 dtd. 22.01.08;**
Data Sheet Skylla Charger 24/48V, 24V with Germanischer Lloyd approval;
User manuals: TG 24/30+24/50 TI01170gb dtd. 12.02.04, TG 24/80+24/100 TI02170
dtd. 30.09.04; Technical documentation according to submitted file

Remarks **None**

Valid until **2013-03-02**

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File No. **I.M.02**

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Type Approval Symbol



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