

SKYLLA



Cargador de baterías Victron Energy Skylla



Cargador de baterías Victron Energy Skylla 24/50



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Panel de control Cargador de baterías Skylla

Perfect chargers for any type of battery

Charge voltage can be precisely adjusted to suit any sealed or unsealed battery system. In particular, sealed maintenance free batteries must be charged correctly in order to ensure a long service life.

Overvoltage will result in excessive gassing and venting of a sealed battery. The battery will dry out and fail.

Suitable for AC and DC supply

Except for the 3 phase input models, the chargers also accept a DC supply.

Controlled charging

Every TG charger has a microprocessor, which accurately controls the charging in three steps. The charging process takes place in accordance with the IUoUo characteristic and charges more rapidly than other processes.

Use of TG chargers as a power supply

As a result of the perfectly stabilized output voltage, a TG charger can be used as a power supply if batteries or large buffer capacitors are not available.

Two outputs to charge 2 battery banks (24V models only)

The TG chargers feature 2 isolated outputs. The second output, limited to approximately 4 A and with a slightly lower output voltage, is intended to top up a starter battery.

To increase battery life: temperature compensation

Every Skylla TG charger comes with a battery temperature sensor. When connected, charge voltage will automatically decrease with increasing battery temperature. This feature is especially recommended for sealed batteries which otherwise might be overcharged and dry out due to venting.

Battery voltage sense

In order to compensate for voltage loss due to cable resistance, TG chargers are provided with a voltage sense facility so that the battery always receives the correct charge voltage.

SPECIFICATIONS

	24 / 30 TG 24 / 50 TG	24 / 50 TG 3-phases	24 / 80 TG	24 / 100 TG	24 / 100 TG 3-phases	48 / 25 TG	48 / 50 TG
Charge current output	30 / 50 Amp	50 Amp	80 Amp	100 Amp	100 Amp	25 Amp	50 Amp
Charge current output auxiliar	4 Amp	4 Amp	4 Amp	4 Amp	4 Amp	-	-
Absorption charge voltage	28,5 Vdc	28,5 Vdc	28,5 Vdc	28,5 Vdc	28,5 Vdc	57 Vdc	57 Vdc
Input voltage AC	185 - 264 Vac 45 - 65 Hz	320 - 450 Vac 45 - 65 Hz	185 - 264 Vac 45 - 65 Hz	320 - 450 Vac 45 - 65 Hz	320 - 450 Vac 45 - 65 Hz	185 - 264 Vac 45 - 65 Hz	185 - 264 Vac 45 - 65 Hz
Charge characteristic	IUoUo (3-stage charger)						
Protections	Output short circuit. Battery reverse polarity detection. Battery voltage too high. Temperature too high						
Recommended battery capacity	150 - 500 Ah	250 - 500 Ah	400 - 800 Ah	500 - 1000 Ah	500 - 1000 Ah	125 - 250 Ah	125 - 250 Ah
Operating temperature range	- 20 to 60 °C						
Battery connectors	M8 studs						
AC Connectors	Screw clamp 2,5 mm ²						
Dimensions (mm)	365 x 250 x 147		365 x 250 x 257		515 x 260 x 265	365 x 250 x 147	265 x 250 x 257
Warranty	2 years						

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