



Inverter / Charger

SWISS
MADE

Xtender XTH

XTH 3000 - 12 | **XTH 5000 - 24**
XTH 6000 - 48 | **XTH 8000 - 48**



Powerful and expandable

The **Xtender XTH** provides a great flexibility of use due to its many functions: bidirectional inverter, battery charger, transfer system and assistance to the source or feed back to the source (Grid feeding).

2 auxiliary contacts allows automatic control of a genset or load shedding or other programmable functions.

These functions can be controlled in a totally automatic way for an optimal management of available energy in hybrid minigrid systems, in combination with **VarioTrack** or **VarioString** solar charge controller.

Main features

- * Outstanding efficiency and overload
- * Peak shaving with perfect power assist function
- * Battery / renewable source priority
- * Parallel and three-phase setting, up to **72kW** (9 units)
- * Powerful multi-stage PFC charger
- * 50A transfer relay with ultra-short transfer time (0 to 15ms max.)
- * 2 independently programmable 16A auxiliary contacts
- * Compatible with AC coupling with frequency shift function
- * Display, programming and data logging with RCC remote control
- * Web access through plug and play device Xcom-GSM/-LAN
- * Interactive with the Battery Status Processor (BSP)
- * RS-232 communication for remote supervision

Xtender XTH	Output power			Battery voltage	Charge current	Transfer current	Output voltage
	P5"	P30'	Pnom				
XTH 3000-12	7.5kVA	3 kVA	2.5 kVA	12 V	0 - 160 A	50 A	230Vac or 115Vac (-01)
XTH 5000-24	12 kVA	5 kVA	4.5 kVA	12 V	0 - 140 A		
XTH 6000-48	15 kVA	6 kVA	5 kVA	24 V	0 - 100 A		
XTH 8000-48	21 kVA	8 kVA	7 kVA	24 V	0 - 120 A		230Vac

Display, programming and data logging unit

RCC-03



RCC-02

Flexible to meet your microgrid needs

