Transcommers
You imagine it, we make it!

Taranis

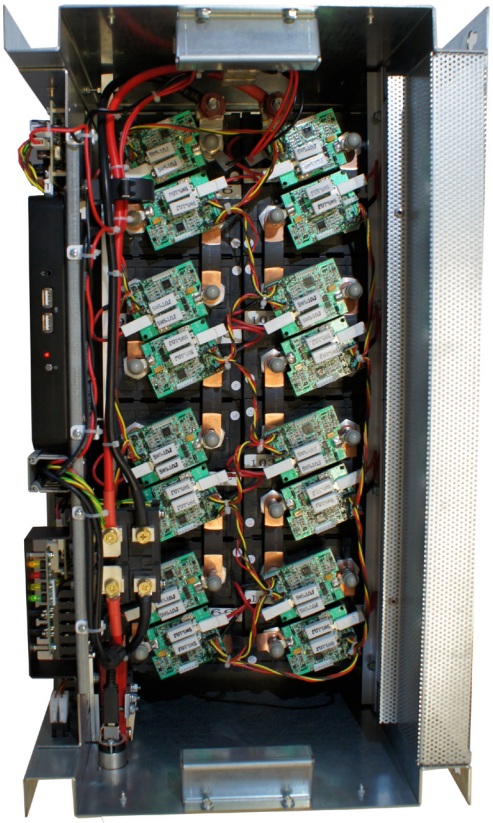
Solar LiFePO Battery system

High Energy Lithium-Ion System

The Taranis system (containing two units as shown above in serial connection) is the ideal choice for local energy management, particularly in conjunction with photovoltaic and other renewable energy generators.

Built with proven safe Li-ion technology, the energy storage system provides maintenance-free energy storage in a reduced volume, combining high operational reliability over thousands of cycles with outstanding energy efficiency.

Applications:
- Residential and commercial PV systems
- Community energy storage
- Micro-grids



Features:
- Compact modules integrating Li-ion cells, monitoring, remote control and cell balancing
- Advanced industrial design offering the highest possible reliability and durability
- 8 years design life with high daily energy throughput
- Exceptional energy efficiency for all available energy storage systems
- State of charge and health indication with our intelligent BMS(*)

(*) BMS: Battery Management System

Benefits:
- Increased energy in given space
- Easy system integration and upscaling
- High operational reliability
- Low cost per delivered kWh over life time
- Smart energy management and remote control capability
- Optimal battery replacement after design life

Transcommers Kft
office@transcommers.hu

Solar Battery Case (S):

Battery Pack:			Mechanical characteristics for each box:				Nominal characteristics:				
Name:	Article number:	Cell type:	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)	Number of cells / box	Number of box / system	Nominal Voltage[1] (V)	Capacity[1][2] (C/3) (Ah)	Energy[1][2] (C/3) (Wh)
Taranis 3k-SP	HXS-48-3k-SP	SP-LFP60AHA	574	363	323	52	16	1	50	48	2400
Taranis 8k-WB	HXS-48-8k-WB	WB-LYP160AHA	574	363	323	67	8	2	50	128	6400
Taranis 9k-CA	HXS-48-9k-CA	CA180AHA	574	363	323	67	8	2	50	144	7200
Taranis 10k-SP	HXS-48-10k-SP	SP-LFP200AHA	574	363	323	67	8	2	50	160	8000

Solar Battery Case (L):

Battery Pack:			Mechanical characteristics for each box:				Nominal characteristics:				
Name:	Article number:	Cell type:	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)	Number of cells / box	Number of box / system	Nominal Voltage[1] (V)	Capacity[1][2] (C/3) (Ah)	Energy[1][2] (C/3) (Wh)
Taranis 10k-WB	HXL-48-10k-WB	WB-LYP200AHA	740	390	304,5	94	8	2	50	160	8000
Taranis 13k-WB	HXL-48-13k-WB	WB-LYP260AHA	740	390	304,5	100	8	2	50	208	10400
Taranis 15k-WB	HXL-48-15k-WB	WB-LYP300AHA	740	390	304,5	110	8	2	50	240	12000
Taranis 15k-SP	HXL-48-15k-SP	SP-LFP300AHA	740	390	304,5	106	8	2	50	240	12000

(1) Discharge with 80% DOD: U_{start}= 52,8V U_{end}= 48V
(2) U_{float}= 57,6 V U_{cutoff}= 46,4 V, + 20°C / + 68°F