



MSS-Energy Storage Complete Set with full off-grid functionality

Battery Inverter	Victron Multi-Plus / Quattro from 3 kVA to 15 kVA 1-phase or 3-phase up to 1-phase 3 kVA to 15 kVA as single unit and to 60 kVA with parallel units
Power Range	3-phase 9 kVA to 45 kVA with 3 single units (master-slave) extendable to 180 kVA
Off-Grid Power	Full inverter power with double overload capacity
Storage System	Meisl Storage System MSS with Sony Fortelion Lithium-Iron-Phosphate LiFePO cells
Storage Capacity	Modular Design in 1,2 kWh units flexible extendible to 12 kWh small cabinet or 19,2 kWh big cabinet – up to max. 16 cabinets combinable (307,2 kWh)
Storage cabinet	Heavy-duty rollers; Front glass door lockable; complete installation material
Warranty	Battery warranty Sony through Elektro-Mechanik Meisl for On- or Off-Grid: 15 years down to 75% of capacity at Temperature -20°C to 25° C up to shortly 50° C 15 years down to 65% of capacity at Temperature -20°C to 35° C up to shortly 60° C KfW-eligible fair value warranty 10 years down to 80%
Grid-Protection	Certified grid protection; optional phase coupling
Emergency Power	UPS uninterrupted power supply (switchover time <20 ms); full Off Grid functionality
Display	Victron ColorControl; optional with Tablet as external Display
Data Logging	Complete PV-Data, energy flow and battery status control and analysis possible
Remote Access	Free App, Online Portal, Remote access through Victron
Emergency Switch	Optional, for emergency cases and service works at the storage system

