




Energy Management Systems 2023

Smartly network PV systems, charging stations and heating solutions


In this overview we show you compatible systems from different manufacturers. Each energy management system communicates with selected products via a wireless connection, bringing the devices together in a single system. This enables a wide range of functions and intelligent networking.

Energy Management System	Required Hardwares	Inverter	Battery	Charging Station		Heating Rod		Smart Home	
	(Energy Meter,...)			Manufacturer	Model	Manufacturer	Model		
	Fronius Smart Meter***	All Fronius inverters	BYD	Fronius	Wattpilot Go Wattpilot Home	Fronius	Ohmpilot	-	
						my-PV	AC ELWA-E AC-THOR		
	Kostal Smart Energy Meter + KSEM G2	All Kostal hybrid inverters	BYD BMZ Hyperion	Kostal	Enector	my-PV	AC ELWA-E AC-THOR AC-THOR 9s	-	
						SMARTFOX	SMARTFOX heating rod		
	(Integrated in LG ESS)	LG ESS	LG ESS	-	-	-	-	-	
	SMA Sunny Home Manager 2.0	All SMA inverters	BYD LG Energy Solutions	SMA	EV Charger	my-PV	AC ELWA-E AC-THOR AC-THOR 9s	Edimax Smart Plug SP-2101W V3	
	SMARTFOX S0 Monitoring + SMARTFOX Pro 2 incl. CTs	SolarEdge, SMA, Fronius, Kostal, RCT , LG ESS, Sungrow	Sungrow SBR Battery all other restricted ****	KEBA	KeContact P30 C-series KeContact P30 X-series	SMARTFOX	SMARTFOX heating rod	-	
				Mennekes	Amtron Xtra Amtron Premium		EGO Smart Heater		
	SolarEdge Inline-Energy Meters or SolarEdge Modbus-Energy Meters	All SolarEdge Inverters	SolarEdge BYD LG Energy Solutions	SolarEdge	SolarEdge Home EV charging station	my-PV	AC ELWA-E AC-THOR AC-THOR 9s	Smart energy plug, AC-switch with meter, potential-free contact	
						SolarEdge	Smart-Energy-Hot-Water		
	Solar-Log Meters or compatible meters + Solar Log Base + Power Supply 24V	SolarEdge, SMA, Fronius, Kostal, GoodWe, RCT Power, Sungrow etc.	RCT Power, SMA Sunny Island + Battery *****	KEBA	KeContact P30 C-series KeContact P30 X-series	my-PV	AC ELWA-E	Diverse Smart Plugs	
	Solar Manager Gateway	GoodWe, E3/DC, Fronius, Kostal, LG, SMA, SolarEdge, Sungrow, RCT Power	BYD, E3/DC, Fronius, Kostal, GoodWe, RCT Power, SMA, LG, SolarEdge, Sungrow, Tesla, Varta	EVBox	Elvi	my-PV	ELWA-E AC-Thor E	Various Smart Plugs and Relays (Shelly, myStrom, GUDE, etc.) and external Indicators	
				KEBA	P30c P30x				
				Mennekes	Amtron Xtra Premium Amedio Professional Amtron Charge Control				
				SolarEdge	Charging station	Fronius	Ohmpilot		
				Wallbox	Pulsar Plus				

* if necessary, accessories required
** only models with corresponding interface
*** For the Fronius Light versions the Datamanager 2.0 is also required.
**** To ensure long-term service, the automatic updates for the inverter and battery must be deactivated. This system configuration is often not approved by the inverter manufacturers and is not recommended.
***** only AC-coupled systems (battery inverters)



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