












TESVOLT ENERGY MANAGER – COMPATIBILITY OVERVIEW

PV INVERTERS




Manufacturer	Already compatible	As required
	SB xxxx TL-21	Highpower Peak x
	SB x.x	
	STP xxxx TL-20	
	STP xxxxx TL-30	
	STP x.x	
	Core 1, Core 2	
	SE xxxx (single-phase)	SE HD Wave
	SE xxk (three-phase)	
KOSTAL	Plenticore (PV)	
	Piko alt	
	Piko MP	
	Piko IQ	
	Piko 10-20	
	Primo	
	Galvo	
	Symo	
		X1
		X3
		x
		x

CHARGING POINTS

Manufacturer	Already compatible	As required
	P30c	
	P30x	
	Pro	
	Eco 2.0	
	Amtron Xtra	
	Amtron Premium	
		X
		X


VEHICLES

Reading a vehicle's state of charge

Manufacturer	Already compatible	As required
	BMW CarData	
	MyRenault	
		Model 3 and Model S

HEAT PUMPS

Heat pump control

Manufacturer	Already compatible
All heat pumps that support SG-ready	SG Ready 

INTERFACES

Physical	Needed for
3 x USB 2.0	2nd Ethernet, read heads, USB relays
1 x Ethernet (LAN)	Internet connection (Uplink LAN)
1 x RS-232 (COM)	Service interface
1 x RS-485	Modbus RTU devices
1 x 1-Wire	Temperature and humidity sensors
8 x digital opto-isolated inputs	Direct marketer interface, radio ripple control receivers, fault indicator contacts, NA box signals
4 x Dry contact inputs	Buttons / switches
8 x Digital outputs	Relays (e.g. for heat pumps that are smart grid ready), NA box signals
4 x Analog inputs (ANALOG I)	CHP, generator
2 x Analog outputs (ANALOG O)	CHP, generator

ENERGY METER COMPATIBILITY

Models
Janitza UMG 604
Janitza UMG 806
SMA Energy Meter
SIEMENS PAC2200