

Devices supported by VSN700-05 Data Logger

Manufacturer	Model	Device type	Interface	VSN700 FW Revision	Notes
ABB	Ensto	Combiner Box	Modbus RS485	-	
ABB	PVS800	Inverter	Modbus RS485/TCP	3.17 or greater	RS485 via RMBA-01 adapter; TCP via RETA-01 or RETA-02 adapter
ABB	PRO-33.0-TL- OUTD	Inverter	Modbus RS485/TCP	3.21 or greater	
Advanced Energy	PVPowered 30/50/100/250	Inverter	Modbus RS485	3.20 or greater	
Advanced Energy	Solaron	Inverter	Modbus TCP	3.0 or greater	
AMI TECH	String Monitoring Unit ACB-18/30 (8, 12,14, 16, 20 and 24)	Combiner Box	Modbus RS485	3.25.3 or greater	
Electro Industries	Shark-100	Meter	Modbus RS485	3.0 or greater	V3 switch only
Elkor	WattsOn Universal Power Transducer	Meter	Modbus RS485	3.0 or greater	
Elnet	LT	Meter	Modbus RS485		
Kipp & Zonnen	SHP1	Pyrheliometer	Modbus RS485	3.23.7 or greater	
Kipp & Zonnen	SMP 3/11	Irradiance Sensor	Modbus RS485	3.12 or greater	Modbus
Obvius	A89-DC08	Combiner	Modbus RS485	3.0 or greater	
Obvius	FlexIO	Combiner	Modbus RS485	3.7 or greater	
Phoenix Contact	Solarcheck	Combiner	Modbus RS485	3.21 or greater	ABB reference design AB24M3 ONLY
Power-One	String Inverters	Inverter	Aurora Protocol RS485	3.3 or greater	
Power-One	Central Inverters	Inverter	Aurora Protocol RS485	3.3 or greater	
Power-One	String Inverters	Inverter	Modbus RS485	3.0 or greater	19200 baud
Power-One	Central Inverters	Inverter	Modbus RS485	3.0 or greater	19200 baud
Power-One	Aurora Smart Combiner	Combiner	Modbus RS485	3.0 or greater	ICP M-7017 based
Power-One	StringComb	Combiner	Aurora Protocol RS485	3.0 or greater	Through Power-One Central inverter
Power-One	SM48xx Weather Station	Environmental	Modbus RS485	3.0 or greater	ICP M-7017C based
Power-One	VSN-ENVIRO- ENTRY	Environmental	Modbus RS485	3.0 or greater	SunSpec environmental model
Power-One	VSN-ENVIRO- CMML	Environmental	Modbus RS485	3.0 or greater	SunSpec environmental model
Satcon	Powergate+ Gen 2	Inverter	Modbus RS485	3.0 or greater	
Satec	PM172	Meter	Modbus RS485		
Schneider	ION 6200 EP2	Meter	Modbus RS485		
Schneider	ION 8600/75xx/76xx	Meter	Modbus RS485/TCP		
Schneider	PM3250/55	Meter	Modbus RS485/TCP		

Manufacturer	Model	Device type	Interface	VSN700 FW Revision	Notes
SMA	Sunny Central String-Monitor Controller	Combiner	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny String- Monitor	Combiner	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny String- Monitor US	Combiner	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central Control	Combiner	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 500CP	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 500HE-20	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 630CP	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 630HE-20	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 720CP	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 720HE-20	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 760CP	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 760HE-20	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 800CP	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 800HE-20	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 250U	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 500U	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
SMA	Sunny Central 500HEUS	Inverter	Modbus TCP	3.6.1 or greater	via WebBox
Soluzione Solare	SM1-485 PRO w/wo LM3	Environmental	Modbus RS485	3.25.8	
SunSpec	Meter Model v1.1	Meter	Modbus RS485	3.0 or greater	Sunspec meter model
SunSpec	Inverter Model v1.1	Inverter	Modbus RS485	3.0 or greater	
SunSpec	Combiner Model v0.72	Combiner	Modbus RS485	3.0 or greater	
SunSpec	Environmental Model v1.0	Environmental	Modbus RS485	3.0 or greater	
Veris	E51C2	Meter	Modbus RS485	3.0 or greater	Sunspec meter model
Xantrex	GT100/GT250/GT 500	Inverter	Modbus RS485	3.0 or greater	

For more information please contact your local ABB representative or visit:

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