ZigBee Plug-in for Inverters with SetApp Configuration

SE-ZBSLV-B-S1-RW

COMMUNICATION

5 YEAR WARRANTY

SUPERSEDED

Wireless Smart Energy Solution

- ZigBee plug-in supports Smart Energy applications in Inverters with SetApp configuration
- Functions as Smart Energy network manager
- ZigBee Plug-in supports up to 10 Smart Energy devices
- Antenna external to inverter for wider range
- ZigBee Plug-in installed within the inverter enclosure for outdoor resilience

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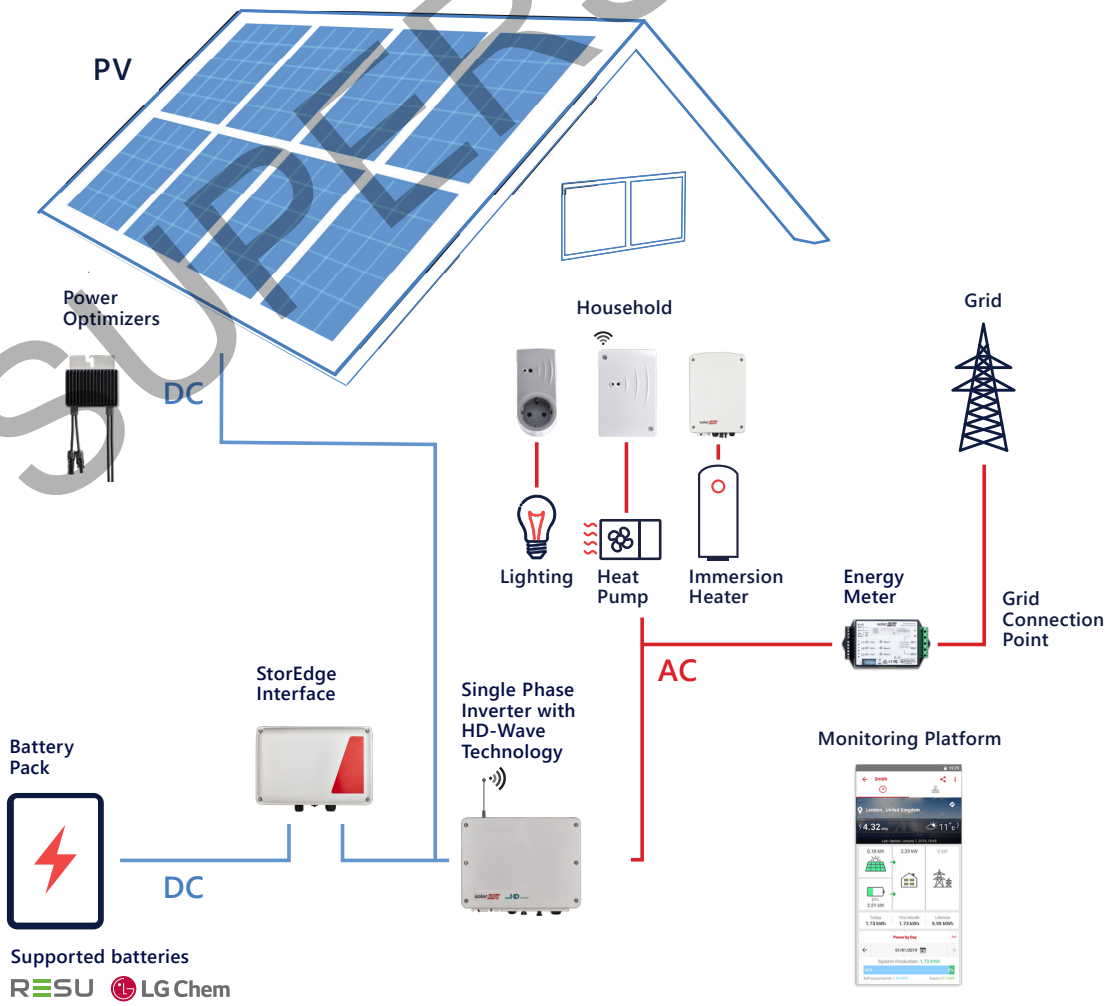
COMPATIBLE INVERTERS	SEXXXX-XXXXXBXX4 (INVERTERS WITH SETAPP CONFIGURATION)	UNIT
SMART ENERGY NETWORK FUNCTIONALITY		
Number of devices in a Smart Energy network	Up to 10	
Communications wit Monitoring Platform	Single inverter installation - Ethernet / Wi-Fi(1); Multiple inverter installation - RS485 and Ethernet / Wi-Fi(1)	
RF PERFORMANCE		
Transmit Power	11.8	dBm
Receiver Sensitivity	-102	dBm
EIRP with Antenna	16.8	dBm
Maximum Emitted Power	≤20	dBm
Antenna Gain	5	dBi
Operating Frequency Range	2.4-2.5	GHz
Bandwidth	2	MHz
Modulation	O-QPSK with DSSS coding	
Outdoor (LOS) Range(2)	400 / 1300	m / ft
Indoor Range(2)	50 / 160	m / ft
MECHANICAL SPECIFICATIONS		
Antenna, Mounting Bracket and RF Cable	Included	
Dimensions (L x W)	78 x 32 / 3 x 1.3	mm / in
Protection Rating	IP65	
CERTIFICATION		
Safety	IEC60950, UL60950	
EMC Approvals	ETSI (Europe), C-Tick (Australia), Telec (Japan)	

(1) Wi-Fi connectivity requires an external antenna. For more information refer to:https://www.solaredge.com/sites/default/files/se-wifi-zigbee-antenna-datasheet.pdf
(2) Approximate values, may differ depending on specific installation conditions

SUPERSEDED



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