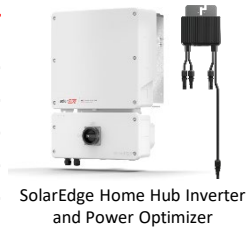# SolarEdge Home Battery System Bill of Materials

Example System Configurations

One Battery Configuration Rate Saver for Self-Consumption (NO BACKUP)

P/N	Description	Quantity
USE7600H-USMNBL75	Single Phase Home Hub, 7.6kW on-grid, 11.4kW backup w/ PCS certified RGM and Consumption Monitoring, 5 yr cellular plan	1
S440 or S500B	Power Optimizer	1 per panel
ENET-HBNP-01	Home Net communications plug-in	1
BAT-10K1PSOB-02	SolarEdge Home Battery, 5kWp, 10kWH	1
SECT-SPL-225A	SolarEdge 225A CT	2

SolarEdge Home Hub Inverter and Power Optimizer

One Battery Configuration

P/N	Description	Quantity
USE7600H-USMNBL75	Single Phase Home Hub, 7.6kW on-grid, 11.4kW backup w/ PCS certified RGM and Consumption Monitoring, 5 yr cellular plan	1
S440 or S500B	Power Optimizer	1 per panel
ENET-HBNP-01	Home Net communications plug-in	1
BI-NUSGN-03	Backup Interface for Load Side with included 63A breaker	1
BAT-10K1PSOB-02	SolarEdge Home Battery, 5kWp, 10kWH	1

Two Battery Configuration

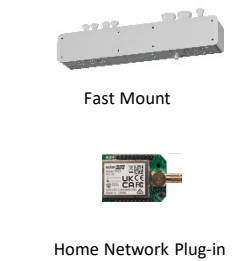| P/N	Description	Quantity
USE7600H-USMNBL75	Single Phase Home Hub, 7.6kW on-grid, 11.4kW backup w/ PCS certified RGM and Consumption Monitoring, 5 yr cellular plan	1
S440 or S500B	Power Optimizer	1 per panel
ENET-HBNP-01	Home Net communications plug-in, Wireless Comms Card	1
BI-NUSGN-03	Backup Interface for Load Side with included 63A breaker	1
BAT-10K1PSOB-02	SolarEdge Home Battery, 5kWp, 10kWH	2

SolarEdge Home Battery

Three Battery Configuration

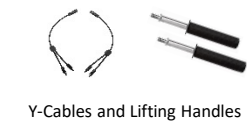| P/N	Description	Quantity
USE7600H-USMNBL75	Single Phase Home Hub, 7.6kW on-grid, 11.4kW backup w/ PCS certified RGM and Consumption Monitoring, 5 yr cellular plan	1
S440 or S500B	Power Optimizer	1 per panel
IAC-RBAT-USYCBL-01	Y-Cable, one pair	2
ENET-HBNP-01	Home Net communications plug-in, Wireless Comms Card	1
BI-NUSGN-03	Backup Interface for Load Side with included 63A breaker	1
BAT-10K1PSOB-02	SolarEdge Home Battery, 5kWp, 10kWH	3

SolarEdge Home Backup Interface

Four Battery Configuration

P/N	Description	Quantity
USE7600H-USMNBL75	Single Phase Home Hub, 7.6kW on-grid, 11.4kW backup w/ PCS certified RGM and Consumption Monitoring, 5 yr cellular plan	2
S440 or S500B	Power Optimizer	1 per panel
ENET-HBNP-01	Home Net communications plug-in, Wireless Comms Card	2
BI-NUSGN-03	Backup Interface for Load Side with included 63A breaker	1
CB-UPG-63-01	63A Circuit Breaker	1
BAT-10K1PSOB-02	SolarEdge Home Battery, 5kWp, 10kWH	4

Floor Stand

Fast Mount

Tools & Accessories

P/N	Description	Quantity
IAC-RBAT HANDLE 01	Lifting Handles **(REQUIRED ON ALL CONFIGURATIONS)**	1 set of 4
IAC-RBAT-FLRSTD-01	Floor Stand, One per Battery, Can connect up to four in a row	1 per battery
IAC-SEFM-36BUV3-01	SolarEdge Fast Mount 36" Connection Unit	1

Note: SolarEdge can support up to three batteries per inverter and three inverters per Backup Interface, or nine batteries per system. Please see installation guide for configurations larger than four batteries.

Home Network Plug-in

Y-Cables and Lifting Handles

solaredge