

System Notes:

-Backed Up Loads are designed within the specifications of the Energy Storage System documentation.

-Performance of the ESS will vary greatly depending on the end user's load management.

-Suncommon has designed this system based on customer provided circuit labels. Suncommon is not responsible for issues cause by mis-identified circuits.

-Suncommon is not responsible for issues caused by loads that are added to this system after the time of installation.

Customer Signature:

It is a violation of New York State Education Law Article 145 for any person, unless acting under the direct supervision of a licensed professional engineer, to alter this drawing in any way.

THESE LOADS WILL NOT BE BACKED UP DURING AN OUTAGE

LOCATION	CIRCUIT	SIZE	LOAD
MLC (B) - Isolated Panel	ALL	---	---
Generator Backup Panel (B)	ALL	---	---

ALL OTHER LOADS WILL BE BACKED UP DURING AN OUTAGE

NYS R327 CODE REQUIREMENTS
SAMPLE DETAIL DRAWING

FRANKLIN APOWER FLOOR
PLAN DETAIL DRAWING

FRANKLIN APOWER UL9540A CERTIFIED

TYPE-X (5/8" MIN.) DRYWALL
(OR EQUIVALENT FIRE RATED MATERIAL)
ON SURROUNDING WALLS AND CEILING

12" MIN.
CLEARANCE

12" MIN.
CLEARANCE

12" MIN.
CLEARANCE

6" MIN.
CLEARANCE

131"

EXISTING FIRE-RATED FLOOR

EXISTING FOUNDATION WALL

SMOKE ALARM TO BE
INSTALLED ON CEILING

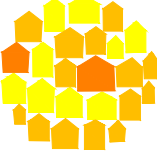
BATTERY SPACE SPECIFICATIONS (3 aPower batteries)

aPower dimensions: 29.5" wide x 45.3" tall x 11.4" deep, 395 lbs

Minimum required battery space needed:
18" deep x 131" wide x 58" tall

*GARAGE IS "UTILITY SPACE" COMPLIANT WITH
2020 RESIDENTIAL CODE OF NEW YORK STATE SECTION R327

**BATTERY SYSTEM LOCATION/LAYOUT WITHIN GARAGE IS
NOT SPECIFIC TO THIS SITE

STORAGE DETAILS		<div><div></div><div>SUNCOMMON 1155 FLATBUSH ROAD KINGSTON, NEW YORK 12401 (866) 452-7652</div><div>suncommon SUNCOMMON CONFIDENTIAL AND PROPRIETARY</div></div>	<div><div>Glazer, Tony 71 College Lane Millbrook, NY 12550 Town of Washington Dutchess County (917) 856-5003</div></div>	ZONING DETAILS		UTILITY DETAILS		PV SYSTEM DETAILS		ENERGY STORAGE SYSTEM DETAILS							
REV-0	PSC					PARCEL ID:	6664-00-960582	UTILITY:	Central Hudson	DC SYSTEM SIZE (kWp):	21.25	(QTY) BATTERY MODEL:	(3) FRANKLIN APOWER2				
PV-05						ZONING CODE:	RM2	SERVICE TYPE:	Underground	AC SYSTEM SIZE (kW/kVA):	15.20	TOTAL AC SYSTEM POWER(kW):	30				
5 of 6						REQUIRED SETBACKS:	Front: 100', Side: 100', Rear: 100'	SERVICE SIZE:	400A	(QTY)MODULE:	(39)LONGI LR5-72HBD 545	TOTAL USABLE ENERGY (kWh):	45				
						ACTUAL SETBACKS:	Front: 56', Side: 363'/252', Rear: 271'	METER #:	96 565 933	(QTY) INVERTER:	(2) SOLIS 1P7.6K-4G-US						