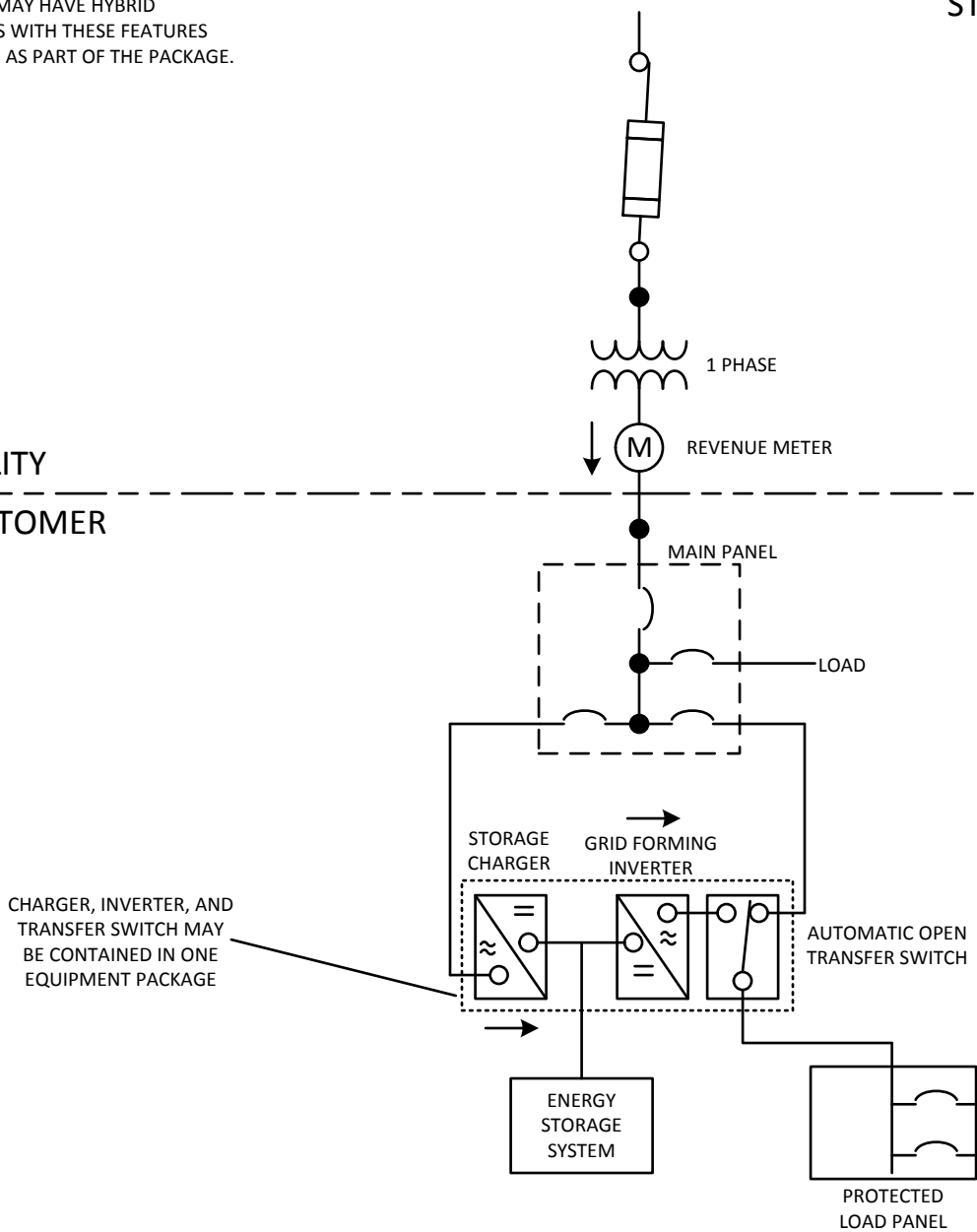


FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

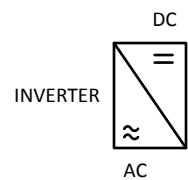
CONFIGURATION #1A STANDBY ENERGY STORAGE

UTILITY

CUSTOMER



CHARGER, INVERTER, AND TRANSFER SWITCH MAY BE CONTAINED IN ONE EQUIPMENT PACKAGE

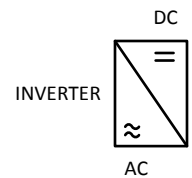
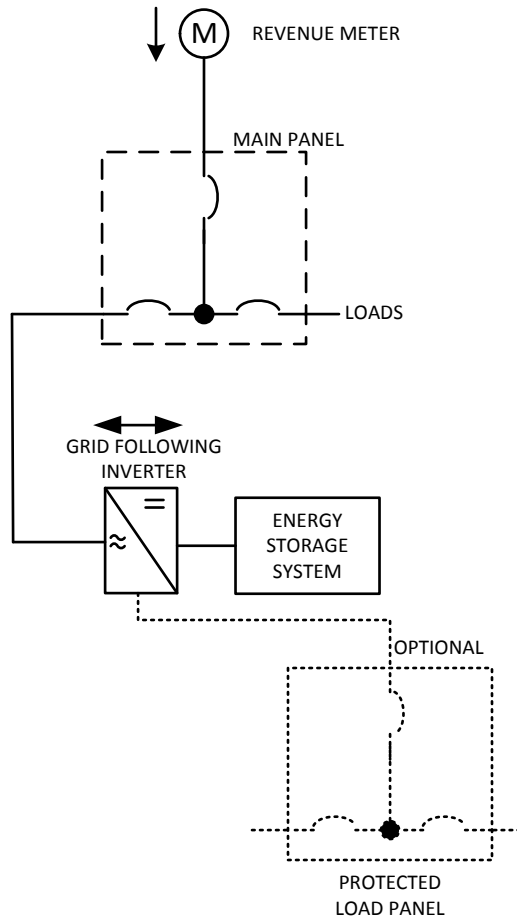


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FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

CONFIGURATION #1B PARALLEL ENERGY STORAGE

-ENERGY STORAGE SYSTEM NOT ALLOWED TO EXPORT TO GRID



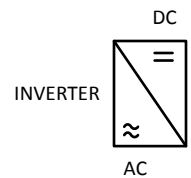
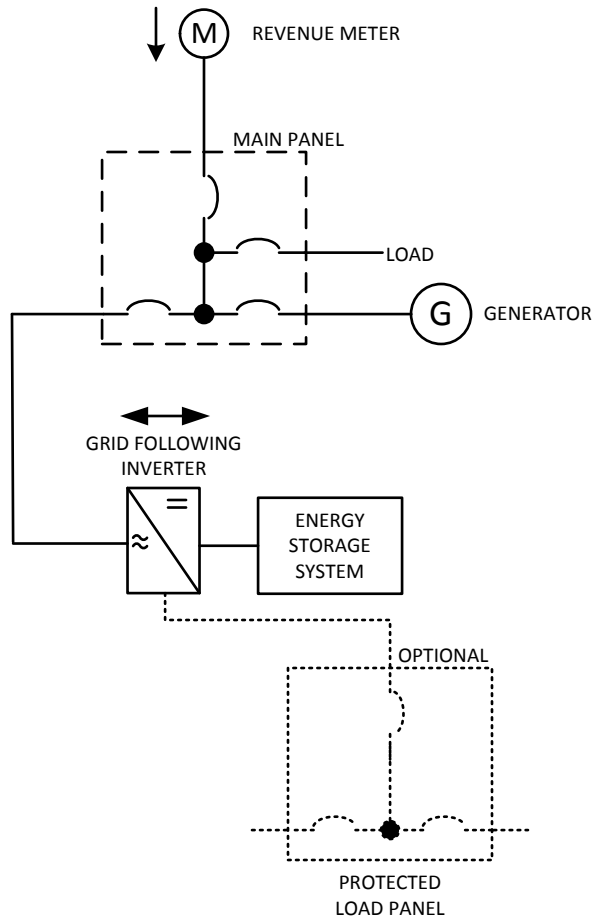
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FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

CONFIGURATION #1C

PARALLEL ENERGY STORAGE + GENERATION

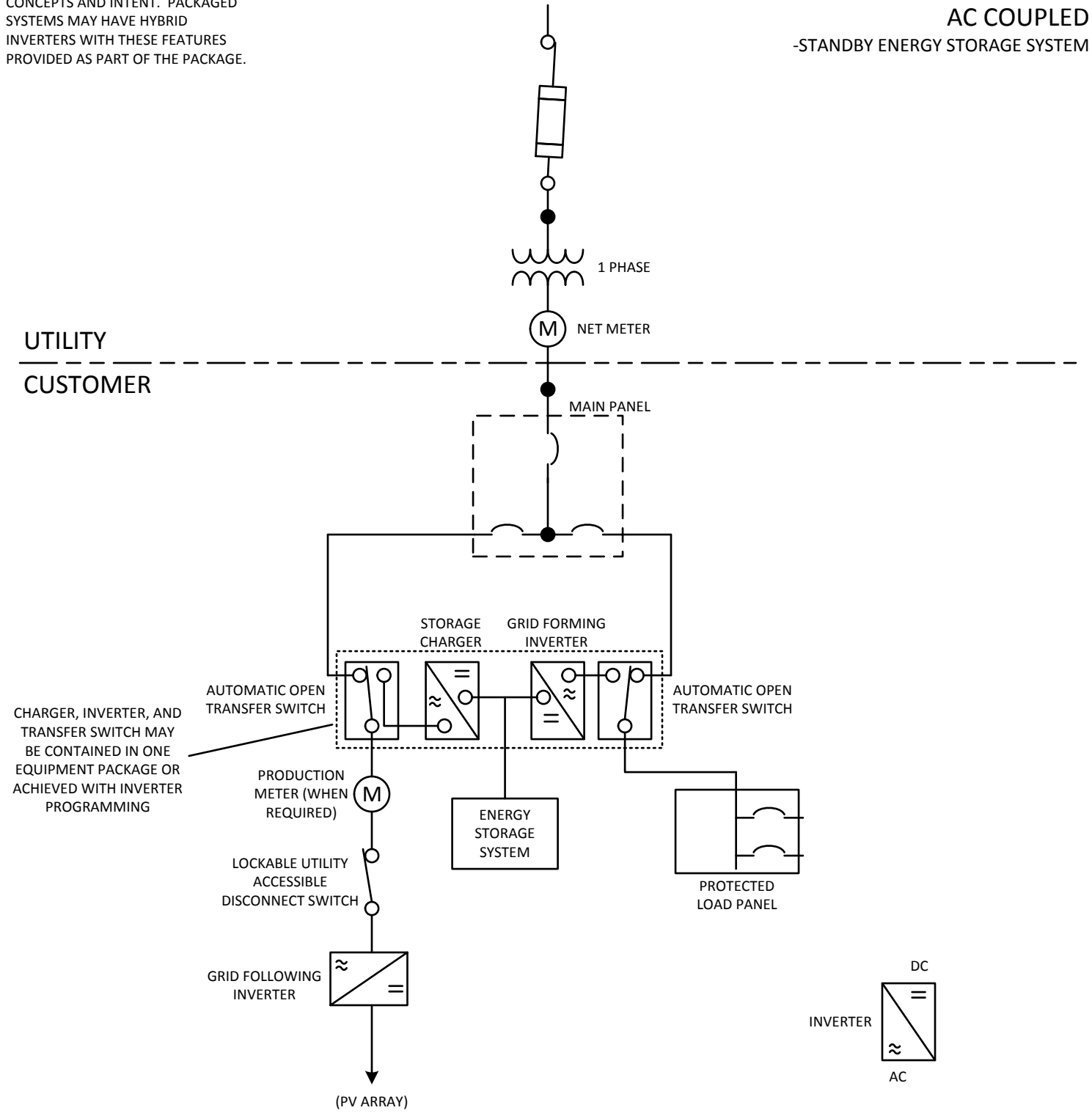
-GENERATION AND ENERGY STORAGE SYSTEM NOT ALLOWED TO EXPORT TO GRID



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FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

CONFIGURATION #2A
AC COUPLED
-STANDBY ENERGY STORAGE SYSTEM



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FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

CONFIGURATION #2B

AC COUPLED

- STORAGE CHARGED BY 100% RENEWABLE ENERGY
- STORAGE MAY DISCHARGE TO GRID
- METERING MUST BE TIME SYNC

UTILITY

CUSTOMER

CONTROLLED BY INVERTER PROGRAMMING:

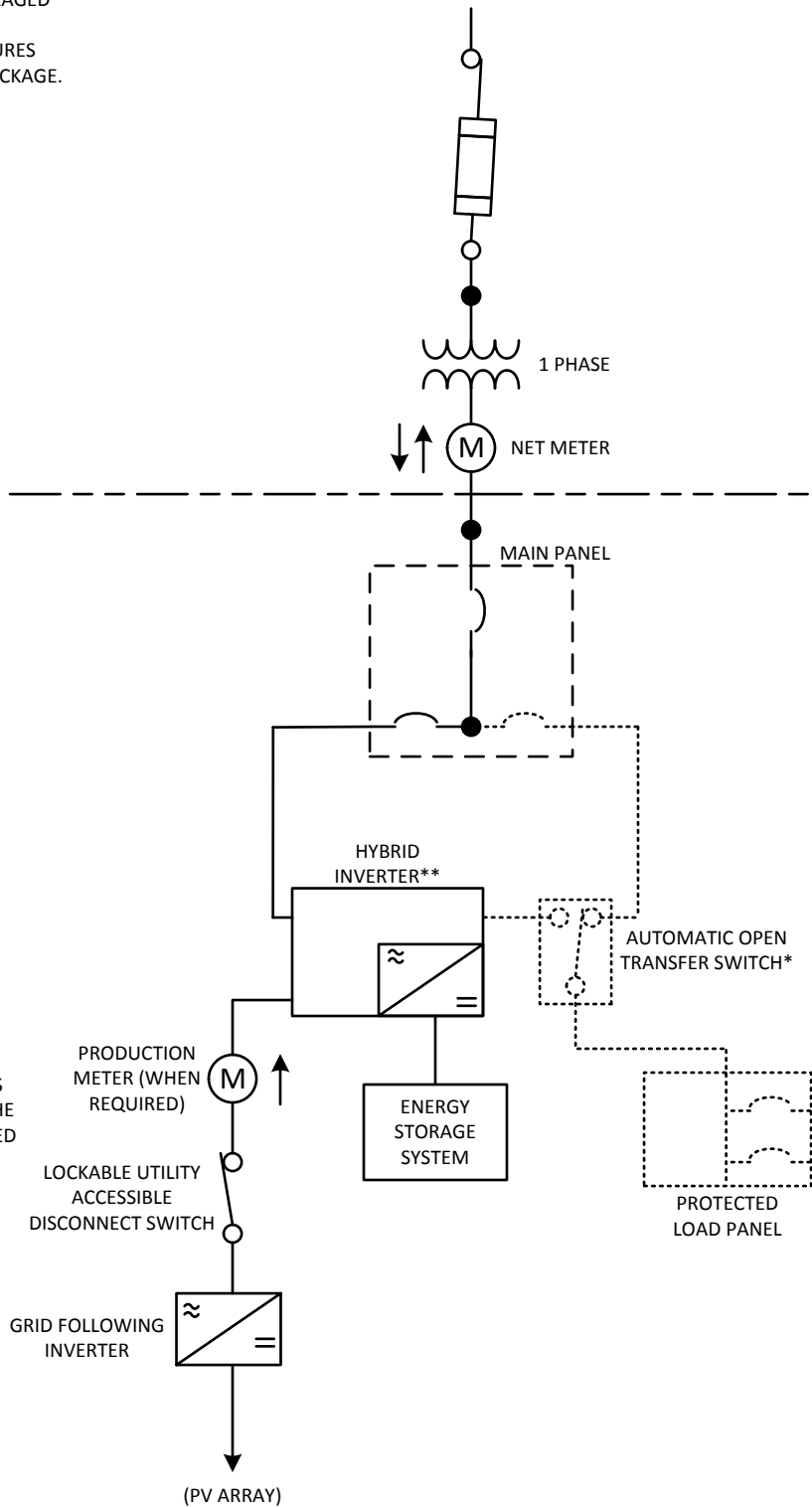
1. PV BYPASS STORAGE WHEN STORAGE FULLY CHARGED
2. STORAGE CHARGED BY PV ONLY

3. STORAGE DISCHARGE TO MAIN PANEL OR PROTECTED LOAD PANEL ONLY

*4. OPTIONAL – ATS MAY BE OMITTED IF INVERTER CAN DELIVER UTILITY SIDE POWER WHILE CHARGING STORAGE FROM 100% RENEWABLE ENERGY

**5. OTHER CONFIGURATIONS MAY BE USED THAT SATISFY THE STORAGE BEING 100% CHARGED BY RENEWABLE ENERGY

6. REQUIRED INVERTER PROGRAMMING MUST BE LOCKED DOWN



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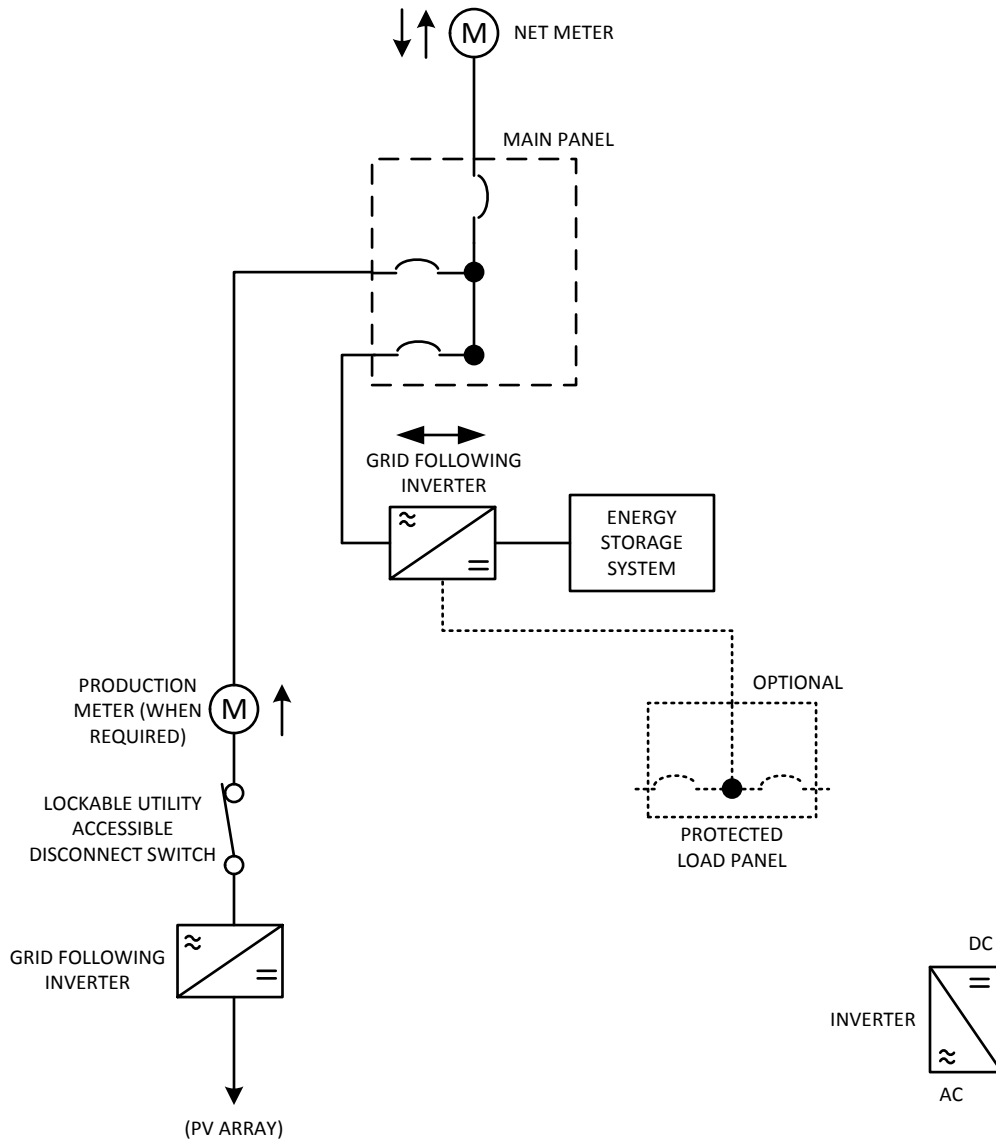
FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

CONFIGURATION #2C

AC COUPLED

- STORAGE CHARGED FROM GRID OR RENEWABLE ENERGY
- STORAGE NOT ALLOWED TO EXPORT TO GRID
- PV MAY EXPORT TO GRID
- METERING MUST BE TIME SYNC

REGARDING THE STORAGE INVERTER:
 1. REQUIRED INVERTER PROGRAMMING MUST BE LOCKED DOWN
 2. INVERTER MAY BE CONNECTED TO PROTECTED LOAD PANEL IF INVERTER CAN PROVIDE TRANSFER SWITCH FUNCTION

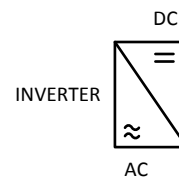
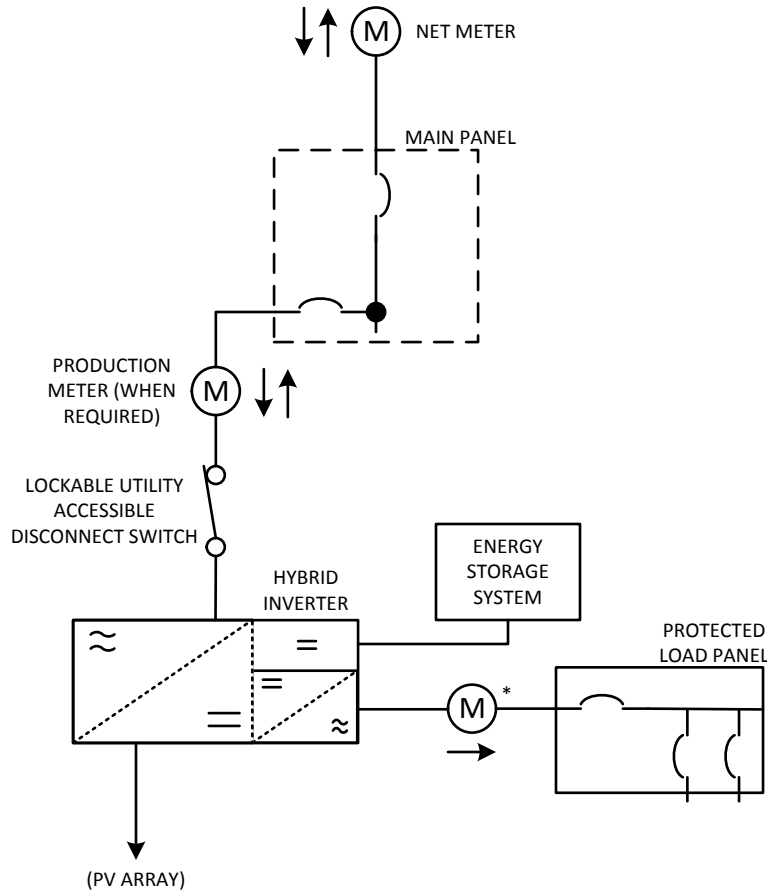


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FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

CONFIGURATION #3A
HYBRID EXAMPLE
METER OPTION
 -STORAGE MAY EXPORT
 -METERING MUST BE TIME SYNC

1. GRID FOLLOW
2. GRID FORM
3. CHARGER
4. TRANSFER
5. REQUIRED INVERTER PROGRAMMING MUST BE LOCKED DOWN
- *6. LOAD METER REQUIRED WHEN BOTH PROTECTED LOAD PANEL AND PRODUCTION METER ARE INSTALLED

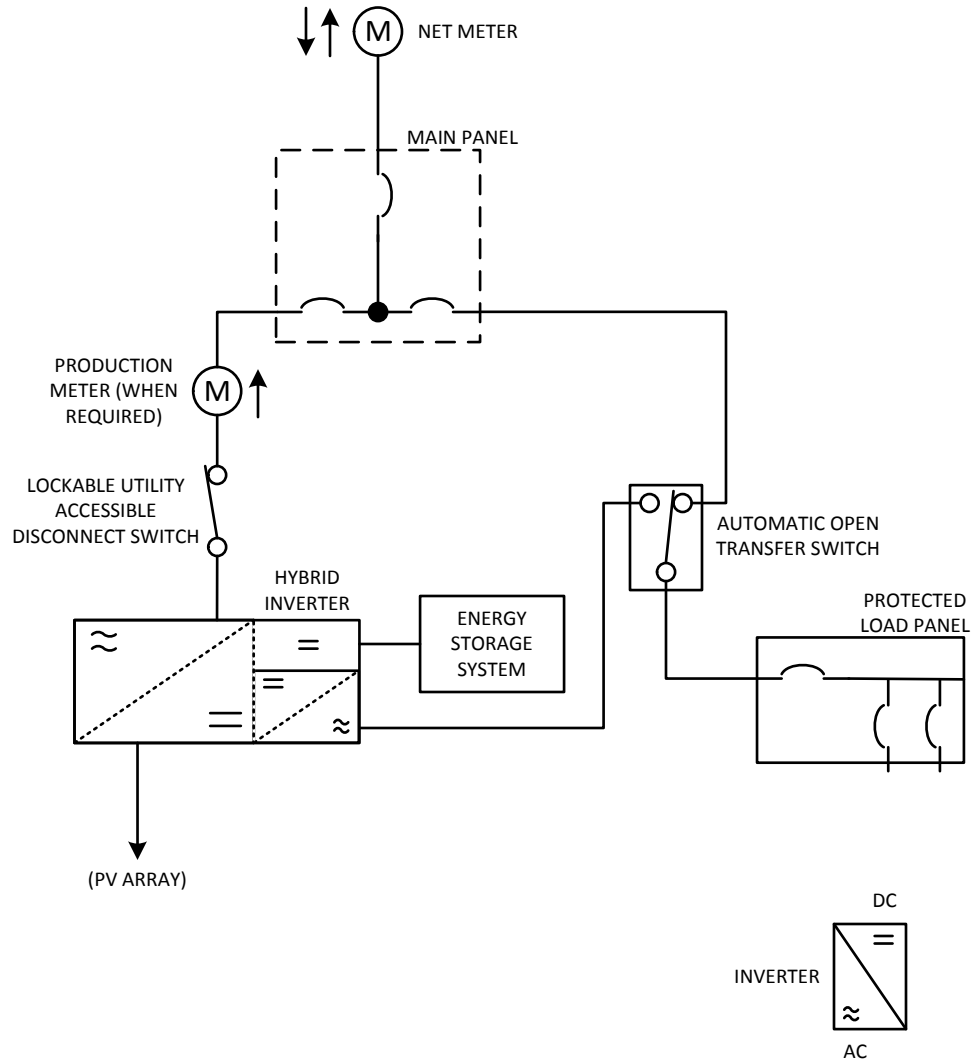


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FIGURE ILLUSTRATES REPRESENTATIVE CONCEPTS AND INTENT. PACKAGED SYSTEMS MAY HAVE HYBRID INVERTERS WITH THESE FEATURES PROVIDED AS PART OF THE PACKAGE.

CONFIGURATION #3B
HYBRID EXAMPLE
TRANSFER OPTION
 -STORAGE MAY EXPORT
 -METERING MUST BE TIME SYNC

1. GRID FOLLOW
2. GRID FORM
3. CHARGER
4. TRANSFER
5. REQUIRED INVERTER PROGRAMMING MUST BE LOCKED DOWN



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