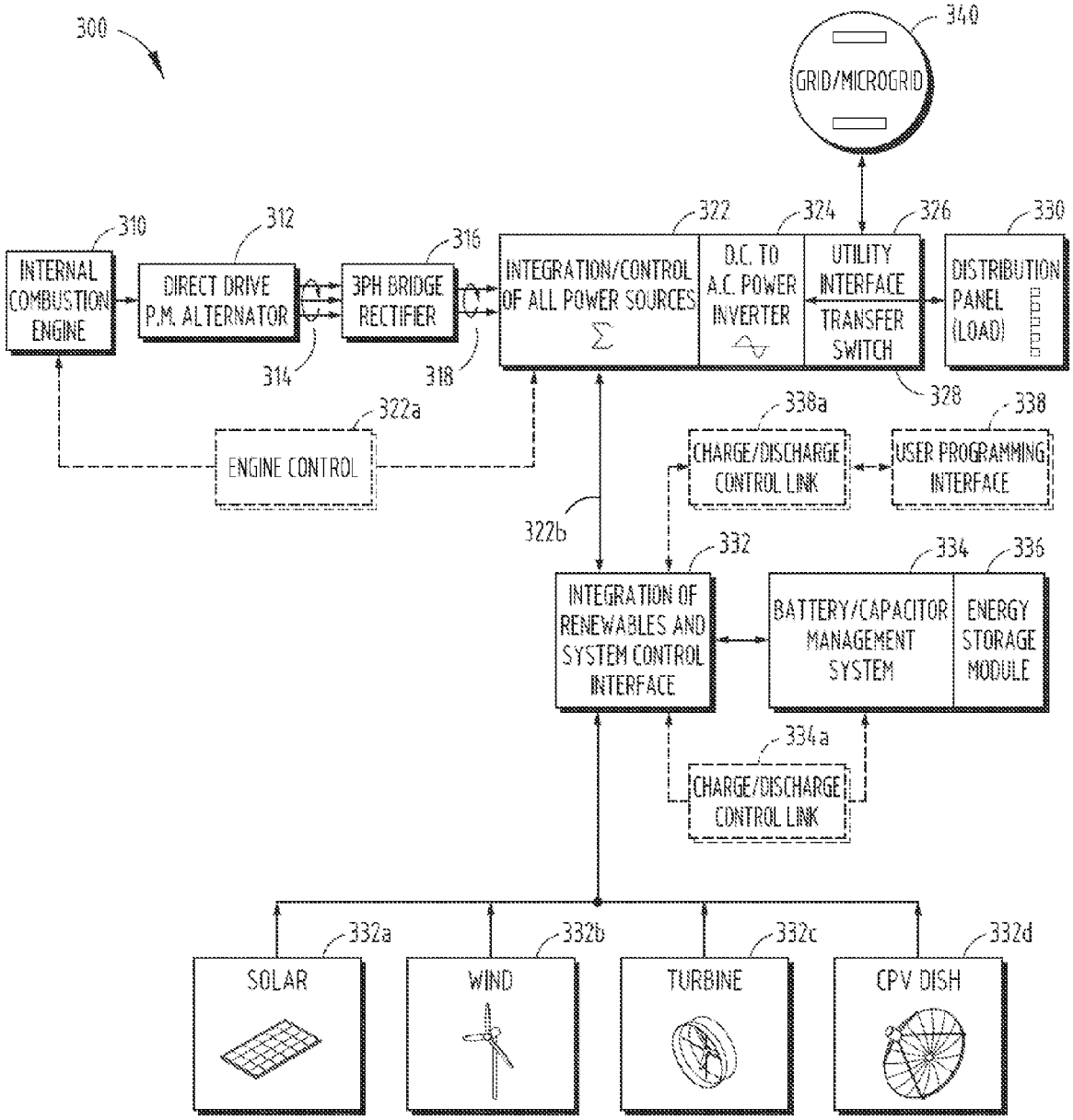
300
340
GRID/MICROGRID
310
INTERNAL COMBUSTION ENGINE
312
DIRECT DRIVE P.M. ALTERNATOR
314
316
3PH BRIDGE RECTIFIER
318
322
INTEGRATION/CONTROL OF ALL POWER SOURCES
Σ
324
D.C. TO A.C. POWER INVERTER
326
UTILITY INTERFACE
TRANSFER SWITCH
328
330
DISTRIBUTION PANEL (LOAD)
322a
ENGINE CONTROL
338a
CHARGE/DISCHARGE CONTROL LINK
338
USER PROGRAMMING INTERFACE
322b
332
INTEGRATION OF RENEWABLES AND SYSTEM CONTROL INTERFACE
334
BATTERY/CAPACITOR MANAGEMENT SYSTEM
336
ENERGY STORAGE MODULE
334a
CHARGE/DISCHARGE CONTROL LINK
332a
SOLAR
332b
WIND
332c
TURBINE
332d
CPV DISH

FIG. 3