



Meter Digital Output Indicators

Power Mode Configuration (Refer Atmel M90E32AS Datasheet for more information)

3.8 POWER MODE
The M90E32AS has four power modes. The power mode is solely defined by the PM1 and PM0 pins.

PM1:PM0 Value	Power Mode
11	Normal (N mode)
10	Partial Measurement (M mode)
01	Detection (D mode)
00	Idle (I mode)

To select PM mode above place J1/J2 jumper HI or LOW. HI = 1 and LOW = 0

- Current Transformers Can be Used:
- 20A/25mA SCT-006
 - 30A/1V SCT-013-030 (JP1.JP2 and JP3 jumper Should be Open)
 - 50A/1V SCT-013-050 (JP1.JP2 and JP3 jumper Should be Open)
 - 80A/26.6mA SCT-010
 - 100A/50mA SCT-013-000
 - 120A/40mA: SCT-016
 - 200A/100mA SCT-024
 - 200A/50mA SCT-024

*** Note: JP1.JP2 and JP3 Links Should be open When using Voltage output type current sensors. For Current Output types above jumpers should be shorted.

* Note: Visit webpage <https://github.com/Chamil1983/ATM90E32AS-EnergyModule> For setting up details and download meter library for Arduino Core

