

DRED , Power Meter and BMS Connection:

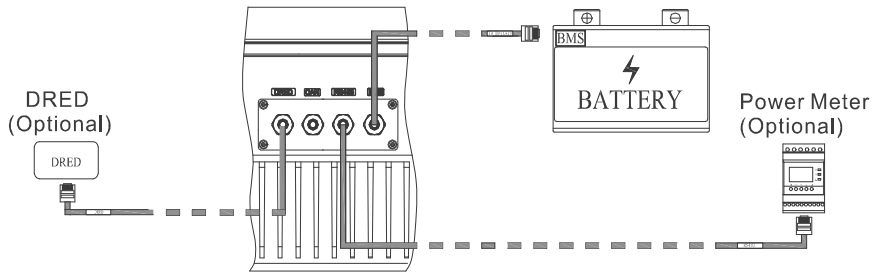
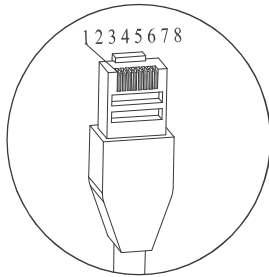


Figure 2-23

The RJ45 socket pin assignments for DRED, Power Meter and BMS as follows:



DRED		
PIN	Signal Name	Cable Color
1	DRM 1/5	Orange-white
2	DRM 2/6	Orange
3	DRM 3/7	Green-white
4	DRM 4/8	Blue
5	RefGen	Blue-white
6	Com/DRM0	Green
7	N/A	Brown-white
8	N/A	Brown

RS485		
PIN	Signal Name	Cable Color
1	NC	Orange-white
2	NC	Orange
3	485B_B	Green-white
4	COM	Blue
5	COM	Blue-white
6	485B_A	Green
7	485B_B	Brown-white
8	485B_A	Brown

BMS		
PIN	Signal Name	Cable Color
1	485A_B	Orange-white
2	485A_A	Orange
3	COM	Green-white
4	CAN_H	Blue
5	CAN_L	Blue-white
6	COM	Green
7	485A_A	Brown-white
8	485A_B	Brown

Figure 2-24

If you need to use DRED function, please put the left dip switch to the upper position.

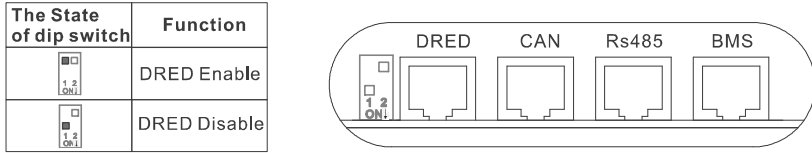


Figure 2-25

The inverter shall detect and initiate a response to all supported demand response commands, demand response modes are described as follows:

Table 2-4

Mode	Requirement
DRM 0	Operate the disconnection device
DRM 1	Do not consume power
DRM 2	Do not consume more than 50% of rated power
DRM 3	Do not consume at more than 75% of rated power AND Source reactive power if capable
DRM 4	Increase power consumption(subject to constraints from other active DRMs)
DRM 5	Do not generate power
DRM 6	Do not generate at more than 50% of rated power
DRM 7	Do not generate at more than 75% of rated power AND Sink reactive power if capable.
DRM 8	Increase power generation(subject to constraints from other active DRMs)

2.3.2.5 GPRS Module (Optional) and Wi- Fi Antenna Connection

If the user selects the GPRS module, remove the dust cover plate of the GPRS module interface and install the GPRS module.

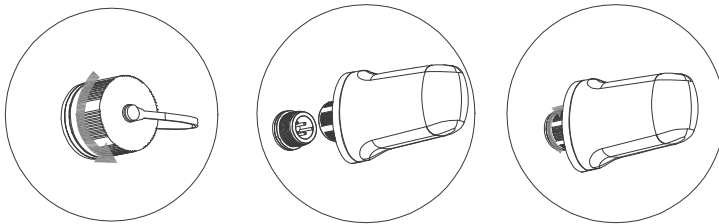


Figure 2-26

The GPRS socket pin assignments as follows: