

POWER SAVING SOLUTIONS CONSIGNMENT STOCK GUIDE



Smarter Energy = Smarter Business

Battery Storage Recommendations (BESS)

- ✓ When the batteries are not in use, we recommend storing them at approximately 40–60% state of charge in order to maximise lifespan and prevent degradation.
- ✓ The system should be fully isolated from any load or charging source and placed into a safe standby or shutdown mode to prevent parasitic discharge.
- ✓ Although the batteries are rated for a wide temperature range (-20°C to +60°C), optimal storage conditions are between 10°C and 25°C in a dry, well-ventilated environment. Prolonged exposure to elevated temperatures should be avoided.
- ✓ For long-term storage, the batteries should be checked every 1–3 months and re-charged if necessary to maintain a healthy state of charge.

Hussh Pod Start-Up / Shut Down Procedure

Start-Up Pre Check Procedures

- Ensure all MCB's (Blue) on all batteries are down in **OFF** position.
- Ensure all batteries are in **OFF** position with red on/off switch* or no LED lights illuminated on batteries.
- Check MCB F1, F2 are down in the **OFF** position, front panel switch in **HYBRID** position, E/Stop button not depressed.
- Check all three inverters are in the **OFF** position.
- If generator is connected, ensure input selector switch is in the correct position (i.e. **63A** or **125A** position), generator running and output on.

Hussh Pod Start-Up / Shut Down Procedure

Start-Up Procedure

(Not to be completed until pre-checks are completed)

- Turn on all batteries on both sides (**1-10**) in order via the red on/off switch (or by depressing the **RST** recessed button and holding until battery SOC begins to illuminate).
- Turn **ON** all the battery MCBs (Blue Breakers) in order, wait for the red **ALM** light to go off and the green battery **SOC LEDs** to hold steady.
- Go to the control panel and switch on **F1** and **F2** MCBs to the **ON** position.
- Switch all inverters to the **ON** position, starting from left to right.
- On the Hussh Pod front panel (with the generator running/outputting power), check the **AC Input** lamp is on and the colour screen is on, then press the green **Start** button.
- The inverters should all switch on and display **BULK** in the centre of the colour screen, showing the pod as **BULK Charging**.
- Wait approximately **10 minutes**. The pod will then exit **Auto Bypass** mode and the **AC Output** lamp will light. Ensure the generator is then set to **AUTO** (with the remote start cable connected). The genset should then stop and the pod is ready for use.

Shut Down Procedure

- Turn all inverters to the **OFF** position.
- Turn off control panel MCBs (**F1, F2**). Set input selector to **OFF** (where fitted).
- Turn off all battery MCBs (Blue Breakers). Turn off all batteries (via the red on/off switch or by holding the **RST** switch until the battery SOC lights go off).

