UPS setting

UPS□ ?

UPS□ `Uninterruptible Power Supply`(□□□ □□ □□)□ □□□ , □□□□□ □□ □□□□ □ □□ , □□□ □□□□ □□□ □□□ □□□ □□□□ □□ □□□ □□□ □□ □□□ □ □□ □□□□ , □□□□ □□ □□ □□□ □□□ □□□□ □□□□ □□□ □□□ . (DC□ □□□ □ □□ □□ sine□ AC□ □□□)

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UPS □□ □□

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NUT□ `Network UPS tools`□ □□□□ ups □□ □□□ PDU, □□□ □□ □□ □□ □□□ □□□□□ □□ □□□□ □□□□ . □□□□□ □□□□ □□ □□□ □□□ □□ ups□ □□□□ □□ □□□ □□ □□□□ □□□□ □□ □□ NUT□□ □□□□□ □□□ □□□ □□□□ . □□□□ ups □□□ □□□□□ dashboard docker app□□ PeaNUT□ □□□□ .

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□□ ups □□□ 24□□ □□□ □□□ □□□ □□□□□ . 24□□ □□□ □□□□□ □□ □□ □□□ □□□ , □□□ □□□ □□ □□ □□□□ □□□ □□□□□ □□□ □□ □□ □□□□ □□□ . □□□ □□□ □□□ docker□ □□□ □ □□ □□ □□□ □□ □□□□ .

□□ ups□ usb □□□□ □□□ □ rpi□ □□□□□ □□ □□□□ □□□ □□□□□ .

```
lsusb | grep -i ups # ??? ???? ups? ???? ?? ??
```

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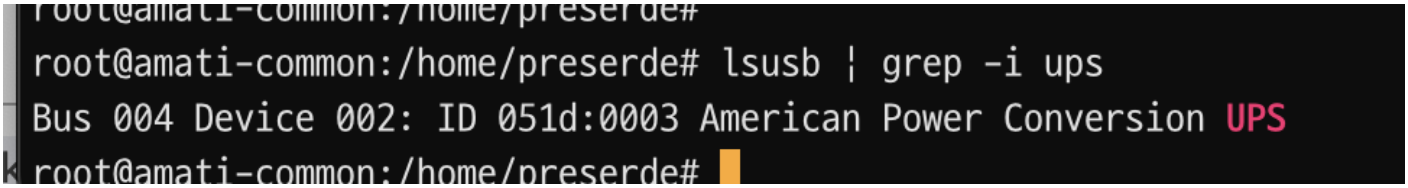

□□□□ vender id `051d`□ product id `0003`□ □□□□□ . □□□□ docker compose □□□ □□□□□ .

```
services:
  nut-upsd:
    image: instantlinux/nut-upsd:latest
    container_name: nut-upsd
    restart: unless-stopped
    ports:
      - "3493:3493"
    environment:
      - TZ=Asia/Seoul
      - API_USER=upsmon
      - API_PASSWORD=upsmon # need to change if server expose
      - DRIVER=usbhid-ups
      - GROUP=nut
      - NAME=ups
      - POLLINTERVAL=15
      - PORT=auto
      - SERVER=master # master mode
      - VENDORID=051d # lsusb
      - DESCRIPTION=APC Smart-UPS SMT750RMI2UC
    devices:
      - /dev/bus/usb:/dev/bus/usb
    privileged: true
    volumes:
      - nut-config:/etc/nut
    healthcheck:
      test: ["CMD", "upsc", "ups@localhost"]
      interval: 30s
      timeout: 10s
      retries: 3
  peanut:
    image: brandawg93/peanut:latest
    container_name: PeaNUT
    restart: unless-stopped
    depends_on:
      - nut-upsd
    environment:
      WEB_PORT: 8080
    ports:
      - "8080:8080" # Access the dashboard at http://localhost:8080
    volumes:
      - /path/to/config:/config
```

```
volumes:
  nut-config:
```

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```
root@amati-common:/data/nut# docker compose up
[+] up 8/8
 ✔ Image instantlinux/nut-upsd:latest Pulled                    5.2s
 ✔ Network nut_default        Created                            0.0s
 ✔ Volume nut_nut-config      Created                            0.0s
 ✔ Container nut-upsd         Created                            0.2s
Attaching to nut-upsd
nut-upsd  | ** This container may not work without setting for SERIAL **
nut-upsd  | Network UPS Tools upsdrvctl - UPS driver controller 2.8.3 release
nut-upsd  | Network UPS Tools 2.8.3 release - Generic HID driver 0.62
nut-upsd  | USB communication driver (libusb 1.0) 0.50
nut-upsd  | interrupt pipe disabled (add 'pollonly' flag to 'ups.conf' to get rid of t
his message)
nut-upsd  | Using subdriver: APC HID 0.100
nut-upsd  | Listening on socket /var/run/nut/usbhid-ups-ups
nut-upsd  | Network UPS Tools upsd 2.8.3 release
nut-upsd  | Ignoring invalid pid number 0
nut-upsd  | listening on 0.0.0.0 port 3493
nut-upsd  | Connected to UPS [ups]: usbhid-ups-ups
nut-upsd  | Found 1 UPS defined in ups.conf
nut-upsd  | Network UPS Tools upsmon 2.8.3 release
nut-upsd  | Ignoring invalid pid number 0
nut-upsd  | Using power down flag file /etc/killpower
nut-upsd  | UPS: ups@localhost (primary) (power value 1)
```

load□ □□□□ □□ □□

APC ups□ □□ □□□□□ modbus□ □□□□□□ □□ □□ □□□ upsd□ □□ □□ load□ □□□□ □□ □□□ □□□□ . □□□ nut-upsd -> peanut -> homepage dashboard□□ load□ NaN□□ □□□□ □□□ □□□□ .

https://forums.unraid.net/topic/74208-apc-smartups-setup/#comment-736429

□□□ APC UPS □□□ □□□□ modbus□ □□□□□ □□□ □□□ .

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2. □□ □□□ □□ ModBus□ □□ □□□ □□□ □□□□□□ .
3. ModBus□ □□□□ □□□□□□ . □□ APC UPS □□□□ ModBus□ □□□□□ □□□□□□ □□□□ .

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