See attached screenshots for the Multiplus 3000

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Thanks,
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LIONENERGY™

VE Configure 3 (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   — □

File   Port selection   Target   Defaults   Options   Special   Help

General | Grid | Inverter | Charger | Virtual switch | Assistants

MultiPlus

Freq. Out	60.2 Hz
UOut	117 V
IOut	0.2 A
Freq. In	60.3 Hz
UMains	117 V
IMains	6.8 A
Udc	13.9 V
Udc ripple	0.2 V
Idc	52 A
Ignore AC	0
aux. relay	0

show VE.Bus monitor

Get settings

Send settings

Victron Energy

System frequency
○ 50Hz   ⦿ 60Hz

Shore limit
AC input current limit 50.0 A ☑ Overruled by remote

☐ Dynamic current limiter

☐ Enable battery monitor
State of charge when Bulk finished 100.0 %
Battery capacity 0 Ah
Charge efficiency 0.95

VE Configure 3 (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   — □

File   Port selection   Target   Defaults   Options   Special   Help

General | Grid | Inverter | Charger | Virtual switch | Assistants

MultiPlus

Grid code selection

Freq. Out   60.0 Hz

Freq. Out   60.0 Hz
UOut   117 V
IOut   0.0 A

Freq. In   59.9 Hz
UMains   117 V
IMains   6.8 A

Udc   13.9 V
Udc ripple   0.2 V
Idc   50 A

Ignore AC   0
aux. relay   0

show VE.Bus monitor

Get settings

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Victron Energy

Country / grid code standard

None: (feeding energy from DC to grid not allowed)   ▼

Show NS protection log

Transfer switch
☑ Accept wide input frequency range (45-65 Hz)

AC low disconnect [94] V   AC high connect [138] V

AC low connect [101] V   AC high disconnect [143] V

☑ UPS function

VE Configure 3   (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   — ☐ ✕

File   Port selection   Target   Defaults   Options   Special   Help

General | Grid | Inverter | Charger | Virtual switch | Assistants

MultiPlus

Freq. Out   60.2 Hz
UOut   117 V
IOut   0.2 A

Freq. In   60.3 Hz
UMains   117 V
IMains   6.8 A

Udc   13.9 V
Udc ripple   0.2 V
Idc   52 A

Ignore AC   0
aux. relay   0

show VE.Bus monitor

System frequency
○ 50Hz   ⦿ 60Hz   ← Set to your region's power frequency

Shore limit
AC input current limit [50.0] A   ☑ Overruled by remote   ← Set according to your system's specs (AC input cable wire gauge)

☐ Dynamic current limiter

☐ Enable battery monitor
State of charge when Bulk finished [100.0] %
Battery capacity [0] Ah
Charge efficiency [0.95]

Get settings

Send settings   ← When finished making changes, press this button to download updated settings to inverter

Victron Energy

VE Configure 3   (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   — ☐ ✕

File   Port selection   Target   Defaults   Options   Special   Help

General | Grid | Inverter | Charger | Virtual switch | Assistants

Grid code selection

MultiPlus

Freq. Out   60.0 Hz
UOut   117 V
IOut   0.0 A

Freq. In   59.9 Hz
UMains   117 V
IMains   6.8 A

Udc   13.9 V
Udc ripple   0.2 V
Idc   50 A

Ignore AC   0
aux. relay   0

show VE.Bus monitor

Country / grid code standard
None: (feeding energy from DC to grid not allowed)   ▼   ← More than likely it will be set to this, meaning you will not be feeding energy back to the grid

Show NS protection log

Get settings

Transfer switch   ← These are your transfer switch settings. Set these to your specification
☑ Accept wide input frequency range (45-65 Hz)

VE Configure 3   (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   —   ☐

File   Port selection   Target   Defaults   Options   Special   Help

MultiPlus

Freq. Out	60.0 Hz
UOut	117 V
IOut	0.2 A
Freq. In	60.3 Hz
UMains	117 V
IMains	6.8 A
Udc	13.9 V
Udc ripple	0.2 V
Idc	50 A
Ignore AC	0
aux. relay	0

show VE.Bus monitor

Get settings

Send settings

Victron Energy

General | Grid | Inverter | Charger | Virtual switch | Assistants

Grid code selection

Country / grid code standard

None: (feeding energy from DC to grid not allowed) ▼

None:	(feeding energy from DC to grid not allowed)
Other:	not compliant to any grid code standard
Germany:	VDE-AR-N 4105:2011-08, external NS protection
Italy:	CEI 0-21, 2014-09 and CEI 0-21;V1, 2014-12
UK:	G83/2 August 2012, G59/3-1 August 2014

Transfer switch

☑ Accept wide input frequency range (45-65 Hz)

AC low disconnect [94] V   AC high connect [138] V

AC low connect [101] V   AC high disconnect [143] V

☑ UPS function

VE Configure 3   (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   —   ☐

File   Port selection   Target   Defaults   Options   Special   Help

MultiPlus

Freq. Out	60.0 Hz
UOut	119 V
IOut	0.1 A
Freq. In	60.3 Hz
UMains	119 V
IMains	4.9 A
Udc	13.9 V
Udc ripple	0.1 V
Idc	38 A
Ignore AC	0
aux. relay	1

General | Grid | Inverter | Charger | Virtual switch | Assistants

☑ Enable charger

☐ Weak AC input

☐ Stop after excessive bulk

☑ Lithium batteries

☐ Storage mode

☐ Use equalization (tubular plate traction battery curve)

Battery type:
No corresponding default

Charge curve [Fixed ▼]

Absorption voltage [13.90] V   Repeated absorption time [1.00] Hr

Float voltage [13.90] V   Repeated absorption interval [7.00] Days

aux. relay   1

show VE.Bus monitor

Victron Energy

Charge current   90   A   Absorption time   1   Hr

Get settings

Send settings

VE Configure 3   (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   — □ ✕

File Port selection Target Defaults Options Special Help

MultiPlus

Freq. Out   60.0 Hz
UOut   119 V
IOut   0.1 A

Freq. In   60.3 Hz
UMains   119 V
IMains   4.9 A

Udc   13.9 V
Udc ripple   0.1 V
Idc   38 A

Ignore AC   0
aux. relay   1

show VE.Bus monitor

Get settings

Send settings

General | Grid | Inverter | **Charger** | Virtual switch | Assistants

☑ Enable charger

☐ Weak AC input
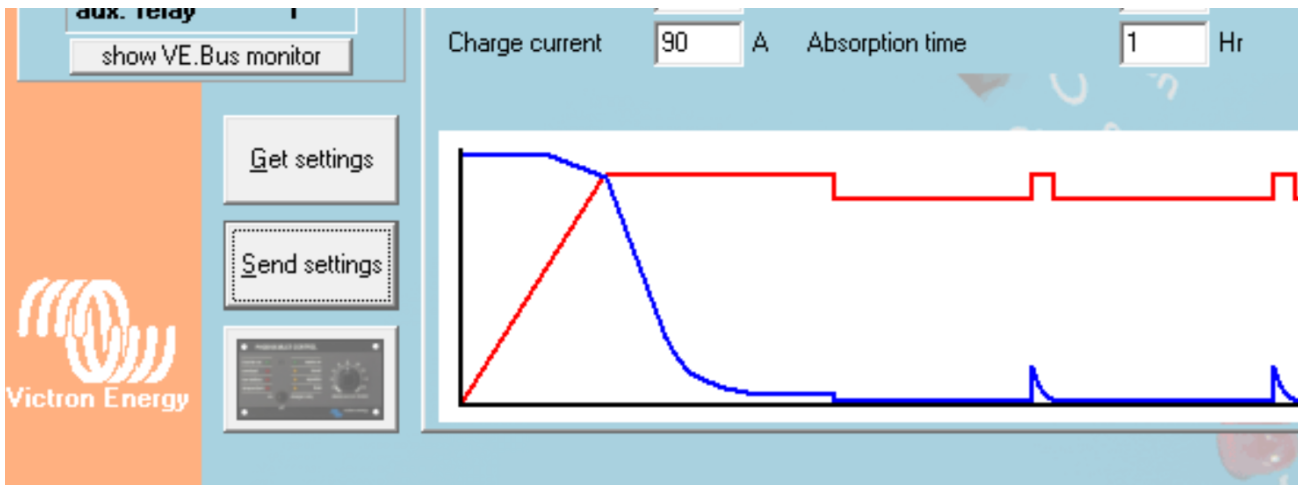☐ Stop after excessive bulk

☑ Lithium batteries
☐ Storage mode
☐ Use equalization (tubular plate traction battery curve)

Charge curve Fixed ▼

Absorption voltage 13.90 V   Repeated absorption time   1.00 Hr
Float voltage   13.90 V   Repeated absorption interval 7.00 Days
Charge current   90   A   Absorption time   1   Hr

There will be no corresponding battery type after inputting the custom charging parameters below

Battery type:
No corresponding default

Set to 13.9V

Set to 13.9V

This is the charging current to the batteries. Set accordingly

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VE Configure 3   (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   — □ ✕

File Port selection Target Defaults Options Special Help

MultiPlus

Freq. Out   60.0 Hz
UOut   120 V
IOut   0.0 A

Freq. In   60.3 Hz
UMains   124 V
IMains   0.0 A

Udc   13.5 V
Udc ripple   0.0 V
Idc   0 A

Ignore AC   0
aux. relay   1

show VE.Bus monitor

Get settings

Send settings

General | Grid | **Inverter** | Charger | Virtual switch | Assistants

Inverter output voltage 120 V
☑ Ground relay

DC input low shut-down   11.00 V
DC input low restart   12.00 V
DC input low pre-alarm   11.50 V

☐ Do not restart after short-circuit (VDE 2510-2 safety)

☐ enable AES
  Start AES when load lower than 60 W
  Stop AES when load 14 W higher than start level
  AES type
  ○ modified sine wave
  ○ search mode   // 1s //

☐ PowerAssist
Assist current boost factor 2.0

Set your inverter's AC output voltage

2. Used to enable/disable the internal ground relay functionality. Connection between N and PE durir inverter operation. - The ground relay is useful when an earth-leakage circuit-breaker is part of the installation. When the internal transfer switch is open (inverter mode) the Neutral of the inverter is connected to PE. When the transfer switch closes (AC input is transferred to the output) the Neutral is fi disconnected from PE. Warning: Disabling the ground relay on "120/240V" models (split phase models) disconnect the L2 output from the inverter.

Set low voltage cutoff to prevent batteries from shutting down (to your preferred specifications)

Set battery voltage level when inverter can start using batteries again (to your preferred specs)

Set low battery voltage alarm to alert that shut down will be happening soon (to your preferred specs)

VE Configure 3   (MultiPlus 12/3000/120-50 120V S/N: HQ19364AQEA)   — □ ✕

File Port selection Target Defaults Options Special Help

MultiPlus

Freq. Out   60.0 Hz
UOut   120 V
IOut   0.0 A

Freq. In   60.3 Hz

General | Grid | **Inverter** | Charger | Virtual switch | Assistants

Inverter output voltage 120 V
☑ Ground relay

DC input low shut-down 11.00 V

☐ PowerAssist
Assist current boost factor 2.0