

How to change the value of Ac 10 min voltage to 258 V?

Step 1: Login into the PVHUB app using your login information. The following screen will be displayed. Click the Plants Icon at the bottom of the screen.



Step 2: Click Plant name on the screen to open the Plant Overview. In Plant Overview Screen, click Device. In the device screen, click the settings Icon next to the inverter serial number to open the remote settings menu.

	13:30			all 🗢 🔍	13:31			13:31			all 🗢 🗉 👘
		Plar	nts	+	<	Plant Overview		<	Dev	ice	
	All	Normal	Abnormal	Offline				All	Normal	Fault	Offline
	Q Search mess	ages			1	Power now		Q Search mess	sages		
\langle		DemoE_F6000 • Today's energy • Power now • Statistical time	30.30kWh 5.54kW 2020-08-23 15:1			5.54 ^{kw}			661F602003GB0 • Today's energy • Power • SN	003 27.60kWh 5.54kW 009G2O51A7D	A004
					30.30		2275.80				
					Income Statistics	Processing, Please wa	Total income \$13.86				
					Power	Monthly Yield	Yearly Yield				
						2020-09-03					
	Overview	Plan) Its		98 Plant Overview	Device	Error Log	98 Plant Overview	Devi	3 3 Ce	لَبُ Error Log



Step 3: Click the Grid Voltage parameters on the Remote Settings page.

13:37		atl 4G 💼	13:40		atl 46 🔳
	Remote settings		<	GridVoltageParameters	
StartParameters			Vmax2ProtectTin	ne 0.12	
 GridVoltagePara	meters		/max3Limit	290	
GriarregParamet	ers		Vmax3ProtectTin	ne 10.00	
PowerFreqParam	eters		Vmin1Limit	180.0	
ReactiveConfig			Vmin1ProtectTime		
DCIConfig			Vmin2Limit	180.0	
ActivePowerCon	fig		Vmin2ProtectTim		
ACPowerDownCo	onfig		Vmin3Limit	150.0	
SystemTimeCont	īg		Vmin3ProtectTim	ne 10.00	
MeterConfig			Vgrid10minPro	258	
Operation					
				Save	
Plant Overview	Device	C Error Log	98 Plant Overview	e Device	

Step 4: Scroll down to the Vgrid10minPro and change the value to the one specified by the grid company. Then click save to save the settings to the machine.



How to set the volt-var?

Step 1: Login into the PvHUB app using your login information. The following screen will be displayed. Click the Plants Icon at the bottom of the screen.

13:30	al	÷ •
C	Overview	盥
1 Total plants	6.00 Installed total powe	r(kW)
Today's energy 30.30 kWh	 Monthly energy(kWh) 92.40 Total energy(kWh) 2275.80 Power how 5.54kW 	
Overview	<u>ث</u> Plant	<u>Ω</u> Me

Step 2: Click Plant name on the screen to open the Plant Overview. In Plant Overview Screen, click Device. In the device screen, click the settings Icon next to the inverter serial number to open the remote settings menu.

	13:30			all 🗢 🗉	13:31		al 🗢 🔳	13:31			all 🗢 🗉
		Plar	nts	+	<	Plant Overview		<	Dev	vice	
	All	Normal	Abnormal	Offline				All	Normal	Fault	Offline
	Q Search message	15				Power now		Q Search mes	ssages		
\langle	Der • To • Po • Sto	noE_F6000 day's energy wer now atistical time	30.30kWh 5.54kW 2020-08-23 15	1		5.54 ***			661F602003GB • Today's energy • Power © SN	003 27.60kWh 5.54kW 009G2O61A7	DA00
					30.30		2275.80				
					Income Statistics	Processing, Please wa	Total income \$13.86				
					Power	Monthly Yield	Yearly Yield				
						2020-09-03					
	Overview	Plan	ts		Plant Overview	Device	Error Log	Plant Overview	w Dev	n ice	Error Log

Step 3: Click Reactive Config. Enable only the Q(u) mode as shown in the figure.

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13:37		atl 4G 🎩	13:43		atl 46 🔳
	Remote settings	-	<	ReactiveConfig	
StartParameters			\uparrow		20
GridVoltageParar	neters			Last update: Today 13:3	38
GridFreqParamet	ers		FixedCosphiAh	ead	
PowerFreqParam	eters		FixedCosphiHy:	steresis	
 ReactiveConfig			PFLineMode		
DCIConfig			FixedQvar		
ActivePowerConf	ig		Q(u) mode		
ACPowerDownCo	onfig		PFmode	Q(u)mode	
SystemTimeConf	ig		Pfcosphi	1.00	
MeterConfig			PFQvar	0.0	%
Operation			Pfcosphi1	1.00	
			Pfpowerpoint1		%
			Pfcosphi2	1.00	
			Pfpowerpoint2	25	1%
	00		Pfcosphi3	1.00	
	Device	Error Log	S8 Plant Overview	Davice	Érror Log

Step 4: Scroll down to view the parameters for the reactive power control settings as highlighted in red. Here change the voltage and their corresponding percentage values as provided by the grid company. After entering the values, scroll further down and click save to save it to the inverter.

		atl 4G 🔲
<	ReactiveConfig	
Pfpowerpoint4	100	1%
	230.0	
	230.0	
VU1	208.0	
QU1	44.0	%
VU2	220.0	
QU2	0.0	%
VU3	241.0	\rightarrow
QU3	0.00	%
VU4	253.0	
QU4	44.0	%
QulockinP	50	
QulockoutP	40	
	10.00	
		^
Plant Overview	Device	کیے Error Log

How to set the volt-watt ?



Step 1: Login into the PvHUB app using your login information. The following screen will be displayed. Click the Plants Icon at the bottom of the screen.



Step 2: Click Plant name on the screen to open the Plant Overview. In Plant Overview Screen, click Device. In the device screen, click the settings Icon next to the inverter serial number to open the remote settings menu.



Step 3: Click AC Power Down Config. Enable the AC High Power Down Enable Button to enable the settings.



	13:37		uti 46 🗩	13:51		ad 46 💷
	<	Remote settings		<	ACPowerDownConfig	
	StartParameters			ACHignPowerDo	wnEnable	
	GridVoltageParam	eters		Startpoint	250.0	
	GridFreqParamete	ers		Speed	5.3	%/V
	PowerFreqParame	oters		Backtime		
	ReactiveConfig			Backspeed	167	1%/min
	DCIConfig					
	ActivePowerConfig	9			Save	
	ACPowerDownCo	nlig				
\leq	SystemTimeConfig	9				
	MeterConfig					
	Operation					
	96 Plant Overview	Device	لَبُ Error Log	96 Plant Overview	Device	

Step 3: Set the start point as the V3 voltage. Then calculate the speed by using the formula (P3 - P4)/(V4-V3). For Example, If you have to set the following volt watt response.

Voltage Settings	V	Power Output
V1	207	100%
V2	220	100%
V3	253	100%
V4	260	20%

P3 = 100% and P4 = 20%. Then calculated gradient would be (100 - 20)/(260-253)=11.43%. Hence enter the Speed as 11.43 as shown in the below figure. Click save to save the settings to the inverter.

		.111 4G 🔳 📄
<	ACPowerDownConfig	9
	vnEnable	
	250.0	
	11.43	%/V
	167	1%/min
	Save	
Plant Overview	Device	Error Log