

C&IESS Demand Checklist

Project Profile Project Name Project Location Installer or Electrical Consulter Installer or Electrical Consulter System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others: V System Frequincy 50Hz 60Hz Electrical Connection 3P3W+PE 3P4W+PE Others: Certification Required (Check all that are needed) For EU models EN 62920 IEC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 G?P EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 SAVSB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 222 No.107.1 	GROWATT Manager	GROWATT Support Eng	ineer	Start Date(yymmdd)	
Project Profile Project Name Project Location Project Location Installer or Electrical Consulter Installer or Electrical Consulter Electrical Standard System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others: V System Frequncy 50Hz 60Hz Electrical Connection 3P3W+PE Others: Certification Required (Check all that are needed) For EU models EN 62920 EC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 SA/SB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA222 No.107.1 		C •1			
• Project Name • Project Location • Installer or Electrical Consulter • Installer or Electrical Consulter • System Voltage (Three phase L-L voltage) • 480V • 480V • 415V • System Frequncy • 50Hz • 60Hz • Certification Required (Check all that are needed) For EU models EN 62920 IEC/EN 62477-1 IEC/EN 62109-1 IEC 61727 G99 EN 50549-1 VDE 4105 INS 097-2-1 For US models UL1741 UL1741 UL1741 UL1741 ICEC HECO Rule 14	Project Pro	file			
• Project Location Installer or Electrical Consulter Electrical Standard • System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others: V • System Frequncy 50Hz 60Hz • Electrical Connection 3P3W+PE 3P4W+PE Others: • Certification Required (Check all that are needed) For EU models Ele N 62920 IEC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 SA/SB IEEE 1547 UL1998 E-5000 FC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA222 No.107.1	 Project Name 	2			
• Project Location Installer or Electrical Consulter Electrical Standard • System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others: V • System Frequency 50Hz 60Hz • Electrical Connection 3P3W+PE 3P4W+PE Others: • Certification Required (Check all that are needed) For EU models EN 62920 IEC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 SAVSB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 222 No.107.1					
Installer or Electrical Consulter Electrical Standard • System Voltage (Three phase L-L voltage) 480V 480V 415V 400V 380V 208V Others: V System Frequncy 50Hz 60Hz Electrical Connection 3P3W+PE Others: • Certification Required (Check all that are needed) For EU models EN 62920 IEC/EN 62477-1 IEC 62116 IEC 61727 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 UL1741 UL1741 UL1741 CEC HECO Rule 14 CSIP	 Project Locati 	ion			
Installer or Electrical Consulter Electrical Standard • System Voltage (Three phase L-L voltage) 480V 480V 415V 480V 415V 480V 415V 480V 415V 60Hz • System Frequncy 50Hz 60Hz • Electrical Connection 3P3W+PE 3P4W+PE Others: • Certification Required (Check all that are needed) For EU models EN 62920 EC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 Grype EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 SA/SB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18					
Electrical Standard • System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others:	 Installer or Fle 	ectrical Consulter			
Electrical Standard • System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others:V • System Frequncy 50Hz 60Hz • Electrical Connection 3P3W+PE 3P4W+PE Others: • Certification Required (Check all that are needed) For EU models EN 62920 IEC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models IEEE 1547 UL1998 E-5000 UL1741 UUL1741 SA/SB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 22.2 No.107.1					
Electrical Standard • System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others:V • System Frequncy 50Hz 60Hz 60Hz Electrical Connection 3P3W+PE 94W+PE Others: • Certification Required (Check all that are needed) For EU models EIC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 222 No.107.1					
• System Voltage (Three phase L-L voltage) 480V 415V 400V 380V 220V 208V Others: V • System Frequncy 50Hz 60Hz • Certifical Connection 3P3W+PE 3P4W+PE Others: • Certification Required (Check all that are needed) For EU models	Electrical S	tandard			
↓ 480V ↓ 415V ↓ 400V ↓ 380V ↓ 220V ↓ 208V ◯ Others:	 System Voltag 	ge (Three phase L-L v	oltage)		
	◯ 480V	415V () 400V ()) 380V () 220V	○ 208V ○ Others:	V
[^] 50Hz [^] 60Hz • Electrical Connection [^] 3P3W+PE • Certification Required (Check all that are needed) For EU models EN 62920 EN 62920 IEC/EN 62477-1 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models IEEE 1547 UL1741 UL1741 SA/SB IEEE 1547 UL1998 FCC Part 15 SA17-SA18	◆System Frequ	Incy			
	○ 50Hz ○	60Hz			
	 Electrical Con 	nection			
	○ 3P3W+PE ○	3P4W+PE Others:			
For EU models EN 62920 IEC/EN 62477-1 IEC/EN 62109-1 IEC 62116 IEC 61727 G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 SA/SB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 22.2 No.107.1	◆ Cortification	Poguirod (Chock all th	at are peeded)		
Image: Second	For FU models		at die Neeueu)		
G99 EN 50549-1 VDE 4105 NRS 097-2-1 For US models UL1741 UL1741 SA/SB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 22.2 No.107.1	EN 62920	IEC/EN 62477-1	IEC/EN 62109-1	IEC 62116 IEC 61	727
For US models UL1741 UL1741 SA/SB IEEE 1547 UL1998 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 22.2 No.107.1	 G99	EN 50549-1		 NRS 097-2-1	
UL1741 UL1741 SA/SB IEEE 1547 UL1998 E-5000 FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 22.2 No.107.1	For US models				
FCC Part 15 SA17-SA18 CSIP CEC HECO Rule 14 CSA 22.2 No.107.1	UL1741	UL1741 SA/SB	IEEE 1547	UL1998 E-5000)
	FCC Part 15	SA17-SA18	CSIP CEC	HECO Rule 14 CSA 22	2.2 No.107.1
() theorem	Otherm]

Site Facility

Please list only those to be included in the system, existing or planed.

 Transformer 		+Load			
 Transformer on grid-connection side Capacity: kVA Available Output: kW 		Peak load: Average load: Load types (leave blank for default 100% resistive)	kW kW	If any of the loads have a large inrush current (≥2x average load), check here and provide a load curve document for our assessment.	
) No transformer		Inductive Capacitive	%	Impact load present	
		Resitive	%	kW A	

 Power Source 				
> Solar kW or OPlaned & U	Indecided			
Generator KW or OPlaned & U	Indecided			
◆Inverter	◆Battery			
Hybrid Inverter (with PV input and battery connection) Storage Inverter (with battery connection) Inverter power KW (leave blank for default covering peak load)	The battery system has a charge and discharge rating of 0.5C, if you mean to guarantee the full output of inverter when using battery only, please consider to choose a large battery capacity. Capacity			
RSD requirement (available in US model)				
	Battery charge and discharge frequency time(s) per day			
System Function				
• Operation Mede				
	On/Off_Grid Mode			
	Export Limit Function			
On-Grid Mode means the system works only with grid power suppl Off-Grid Mode means the system will never be connected to the gr For system that can both be connected to the grid and work withou	y; id. ut the grid, please choose On/Off-Grid Mode.			
 Purpose Self-Consumption The self-consumption purpose is for system with PV input thus defa Grid Service Time of Use Demand Characteristical is required places provide load grow 	ult when choosing hybrid inverter. arge Peak Shaving if-grid mode, please check Operation Mode Demand section for consistency. a document for our assessment			
Micro Grid Back-Up These purposes are applied for system with off-grid mode or on/or	ff-grid mode, please check Operation Mode Demand section for consistency.			
Monitoring				
 Integrate into existing EMS (Modbus) EMS provider information 				
Generator Integration Please fill in generator power column if you want to include generator I want to charge battery and power the load with m I want to power critical load with my generator when Other thoughts	or in this system. y generator at the same time n battery is low (not charging battery)			
External Condition				
Installation Environment Indoors Outdoors Others				
◆Environment Temperature ◆Insta Max °C Min °C Width	Ilation Space m Length m Height m			

GROWATT • C&I ESS • Demand Checklist

List below any comments on the current set up you'd like to let us know about