Independent Regulatory Commission

Regulating Electricity, Promoting Our Energy

REGISTRATION FORM SELF GENERATORS

THIS FORM HAS TWO PARTS - PART A and PART B

PART A

Please provide the information requested in **Attachment A** for each generating facility. If more room is needed to list all generating facilities, attach additional copies of Attachment A or lengthen the table electronically.

1. Legal name of the Registering Party.

P & P TRADING

2. Registering Party's Dominica postal address

BLANCA ROAD
PICARD
PORTSMOUTH, DOMINICA

3. Registering Party's Street address (if different from postal address)

4. Name, title, address, telephone number, fax number, and e-mail address of the person to whom communications relating to the self-generator should be addressed.

PAN XIN
MANAGER, P & P TRADING
TEL # 767-2459654
email - Blueskyhomecentre@gmail.com

5. Address/location where generator is installed

P&P trading . Ltd
Blanca road Picord Portsmouth

PART B

1. Is the generation equipment you own and/or operate/used as your main source of electricity or for stand-by purposes only?

   ( ) Main Source (✓) Standby Purposes Only

2. How/where is the ~~generator~~ solar housed?

   House

3. How/where is fuel stored?

   NONE (solar)

4. Volume of fuel storage?

   NONE

5. How is the lubricating oil used in the generator disposed of?

   NONE

6. What kind of emission control device does the installation have?

7. What kind of noise control device does the installation have?

NONE (Solar)

8. *(For businesses)* Do you have an environmental management plan? _____
(If yes), please attach a copy.

9. Is the installation certified by the Government Electrical Inspector? _____
(Attach copy of certificate)

10. Will the generator be connected to the National Grid?

I hereby represent that the information contained on this registration form is true and accurate to the best of my knowledge and belief.

Signature: _____ Date: 2019. 11. 25

Name *(please print)*: PAN XIN

Company: P&P trading

Post /Email or hand-deliver this form to:
Executive Director
INDEPENDENT REGULATORY COMMISSION
42 Cork Street
Roseau, Commonwealth of Dominica
Tel: 440 6634 Fax: 440 6635
email: admin@ircdominica.org
www.ircdominica.org

COMMONWEALTH OF DOMINICA

Independent Regulatory Commission

Regulating Electricity, Promoting Our Energy

FORM FOR REGISTRATION OF SELF GENERATORS

ATTACHMENT A (Sheet ___ of ___)

	Manufacturer	Date installed dd/mm/yyyy	Output Voltage	Fuel type	Capacity rating (KVA)	Single or 3 phase	Frequency (50 or 60)	Est. Cost/ kWh (EC$)	kWh generated /mth	Avg fuel consumption /mth	Avg oper. hrs/mth
1	KINE SUNTEAMS 3000		240V	SUN	3KVA	single	60	—	—	—	—
2											
3											
4											
5											
6											
7											

N.B. If more room is needed to list all generating facilities, attach additional copies of Attachment A or lengthen the form electronically.

Appendix

Sunteams 1500/2000/3000/4000/5000(ETL)Technical Parameters

KLNE
We Love Sunshine

Input data (DC side)

Specifications	Sunteams 1500	Sunteams 2000	Sunteams 3000	Sunteams 4000	Sunteams 5000
Max. DC power	1750W	2320W	3160W	4540W	5200W
Max. DC voltage	450V	500V	500V	550V	550V
Max. input current	9A	10A	13A	19A	19A
Max. input short circuit current	24A	27A	35A	52A	52A
System start-up voltage	150V	150V	150V	150V	150V
Full load voltage range MPPT	200V-360V	250V-400V	250V-400V	250V-440V	280V-440V
Range of input operating voltage	110V-430V	110V-480V	110V-480V	110V-530V	110V-530V
Max. input source backfeed current to input source	0A	0A	0A	0A	0A
DC voltage ripple	<5%	<5%	<5%	<5%	<5%
Number of MPP trackers	1	1	1	1	1
Max. Number of strings	2	2	2	2	2

Output data (AC side)

Specifications	Sunteams 1500	Sunteams 2000	Sunteams 3000	Sunteams 4000	Sunteams 5000
Operating voltage range	183-228V@208V 211-264V@240V	183-228V@208V 211-264V@240V	183-228V@208V 211-264V@240V	183-228V@208V 211-264V@240V	183-228V@208V 211-264V@240V
Operating frequency range	59.3-60.5Hz	59.3-60.5Hz	59.3-60.5Hz	59.3-60.5Hz	59.3-60.5Hz
Nominal output frequency	60Hz	60Hz	60Hz	60Hz	60Hz
Nominal output voltage	208V/240V	208V/240V	208V/240V	208V/240V	208V/240V
Max. continuous output current	8.2A/7.2A	11A/9.5A	15.4A/13.3A	21.9A/19A	25.2A/21.8A
Max. continuous output power	1500W	2000W	2800W	4000W	4600W
Max. output power	1650W	2200W	3000W	4400W	5000W
Max.output current	9A	12A	17A	24A	27A
Max. output overcurrent protection	10A	15A	20A	30A	30A
Utility interconnection voltage and frequency trip times	V: < 530 mS F: < 100 mS	V: < 530 mS F: < 100 mS	V: < 530 mS F: < 100 mS	V: < 530 mS F: < 100 mS	V: < 530 mS F: < 100 mS
THD of AC current	<3%	<3%	<3%	<3%	<3%
Power factor（cos φ）	0.99	0.99	0.99	0.99	0.99
Number of feed-in phases	Single-phase	Single-phase	Single-phase	Single-phase	Single-phase

Efficiency

Specifications	Sunteams 1500	Sunteams 2000	Sunteams 3000	Sunteams 4000	Sunteams 5000
Max. Efficiency	96.5%	96.5%	96.6%	97.5%	97.6%
Euro ETA	95.0%	95.5%	95.5%	97.0%	97.0%
CEC Efficiency	95.0%	96.0%	96.0%	97.5%	97.5%
MPPT Efficiency	99.5%	99.5%	99.5%	99.5%	99.5%

General data

Specifications	Sunteams 1500	Sunteams 2000	Sunteams 3000	Sunteams 4000	Sunteams 5000
Normal operation temperature range	-25℃-+60℃	-25℃-+60℃	-25℃-+60℃	-25℃-+60℃	-25℃-+60℃
Output power temperature derating and Max. full-power-operating ambient temperature	45℃	45℃	45℃	45℃	45℃
Enclosure	Type 3R	Type 3R	Type 3R	Type 3R	Type 3R