

ADDENDUM TO CERTIFICATE OF SUITABILITY: CS11030N
Particulars of Modification(s)

1.	BluE-S 5000D rated as follows:-	
(a)	PV terminal	
	max. PV	580V dc.
	Rated Voltage	400V dc.
	MPPT Voltage Range	120~550V dc.
	MPPT Voltage Range (full load)	230 ~ 550V dc.
	MPPT Tracker number	2
	Max. continuous PV input current per tracker	13A dc.
	Isc PV per tracker	16A dc.
	Max. continuous PV input power	6500W
(b)	Battery terminal	
	Battery type	Lithium or lead-acid battery
	Voltage range	40~60V dc.
	Rated voltage	48V dc.
	Maximum charge/discharge current	100A dc/100A dc.
	Maximum charge/discharge power	4600W/5000W
(c)	Grid terminal parameters	
	Rated voltage	230Vac.
	Rated frequency	50Hz
	Rated input current	31A ac.
	Maximum continuous input current	32A ac.
	Maximum continuous input power	7360VA
	Rated output current	22A ac.
	Maximum continuous output current	22A ac.
	Power factor (Cos phi), adjustable	0.8 leading~0.8 lagging
	Maximum continuous output power	5000VA

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- (d) Back up load terminal parameters
- | | |
|-----------------------------------|----------|
| Rated voltage | 230Va.c. |
| Rated frequency | 50Hz |
| Rated output current | 20A ac. |
| Maximum continuous output current | 20A ac. |
| Rated continuous output power | 4600W |
| Maximum output apparent power | 5000VA |
2. Model No. BluE-S 5000D-M1 being similar to original Model No. BluE-S 5000D except for:-
- (a) An I_{max} PV of 15A dc, in lieu of 13A dc;
(b) An I_{sc}PV of 18A in lieu of 16A dc.
3. Model No. BluE-S 3680D being similar to original Model No. BluE-S 5000D except for the removal of the internal fan, the use of six in lieu of eight Bus Capacitors and rated as follows:-
- (a) PV terminal
- | | |
|--|----------------|
| V _{max} . PV | 580V dc. |
| Rated Voltage | 400V dc. |
| MPPT Voltage Range | 120 ~ 550V dc. |
| MPPT Voltage Range (full load) | 184 ~ 550V dc. |
| MPPT Tracker number | 2 |
| Max. continuous PV input current per tracker | 13A dc. |
| I _{sc} PV per tracker | 16A dc. |
| Max. continuous PV input power | 4800W |
- (b) Battery terminal
- | | |
|----------------------------------|------------------------------|
| Battery type | Lithium or lead-acid battery |
| Voltage range | 40~60V dc. |
| Rated voltage | 48V dc. |
| Maximum charge/discharge current | 50A dc./80A dc. |
| Maximum charge/discharge power | 3000W/4000W |



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(c)	Grid terminal parameters	
	Rated voltage	230V ac.
	Rated frequency	50Hz
	Rated input current	31A ac.
	Maximum continuous input current	32A ac.
	Maximum continuous input power	7360VA
	Rated output current	16A ac.
	Maximum continuous output current	16A ac.
	Power factor (Cos phi), adjustable	0.8 leading - 0.8 lagging
	Maximum continuous output power	3680VA
(d)	Back up load terminal parameter	
	Rated voltage	230V ac.
	Rated frequency	50Hz
	Rated output current	16A ac.
	Maximum continuous output current	16A ac.
	Rated continuous output power	3680W
	Maximum output apparent power	4000VA

4. Model No. BluE-S 3680D-M1 being similar to Model No. BluE-S 3680D except for:-

- (i) An I_{max}PV of 15A in lieu of 13A dc; and
- (ii) An I_{sc}PV of 18A in lieu of 13A dc.

This certificate will expire on 22/11/2026

Approved pursuant to Clause 15 (1) of the Gas and Electricity (Consumer Safety) Regulation 2018:
22 November 2021



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For Secretary, Department of Customer Service