



100%

4KW/6KW

Windows.

<https://sw.mustpower.com>

QR-
:



QR-



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3	26
4	27
	28

« »,

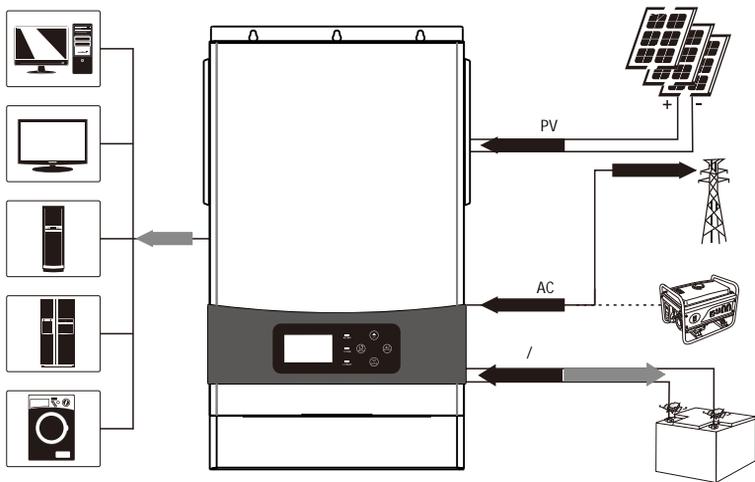
- 1.
- 2.
- 3.
- 4.
- 5.



- 1.
- 2.
- 3.
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- 12.
- 13.

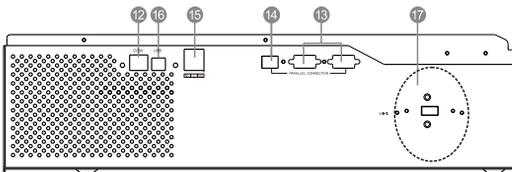
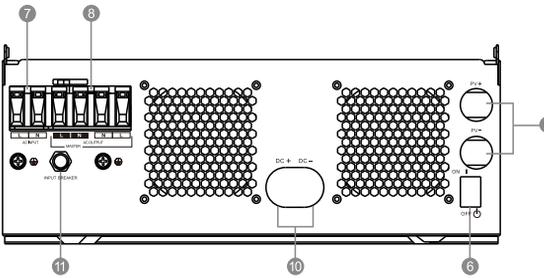
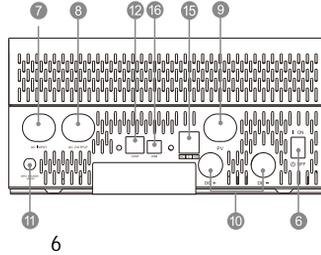
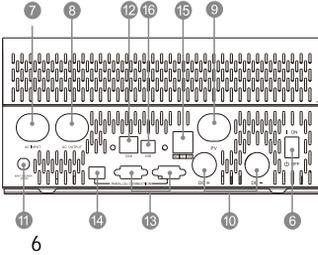
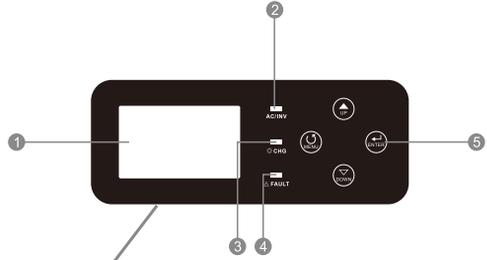
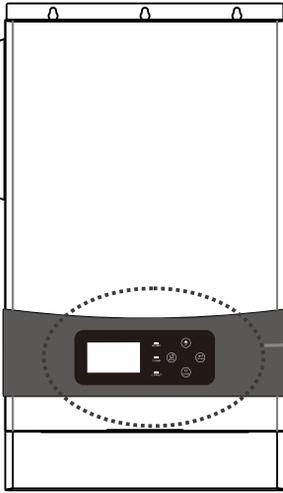
(1 150A, 63V DC 6 1 « 200A, 63V DC 4)

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(/)

1.

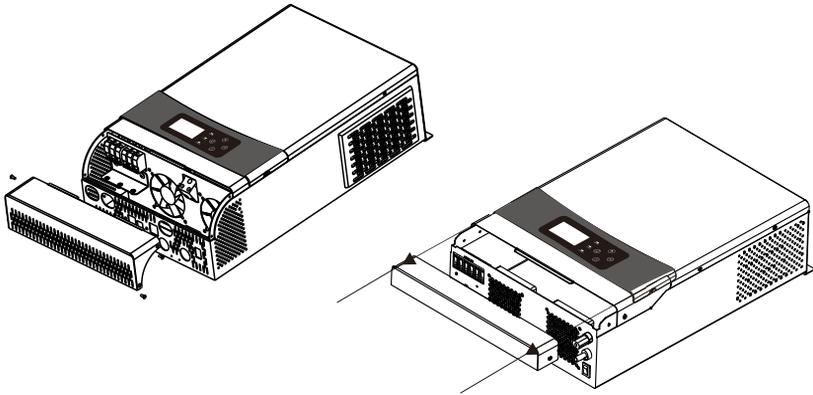


- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

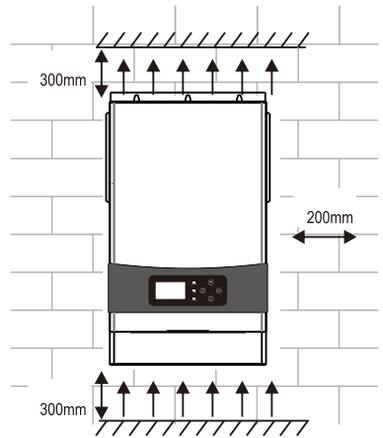
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- RS-485
- 13.

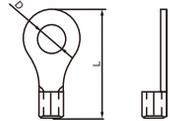
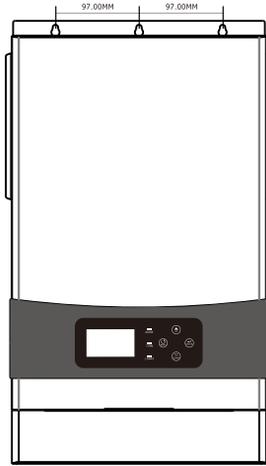
- 14.
- 15.
16. USB
17. USB WIFI

- x1
- x1
- USB- x1



- -
 -
 -
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 -
 -
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- 200
- 0° 55° to





			2 ()			
				D(mm)	L(mm)	
4KW	165A	2*4AWG	25	8.4	33.2	5Nm
6KW	124A	1*2AWG	38	8.4	39.2	
		2*4AWG	25	8.4	33.2	

1.

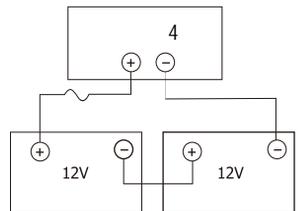
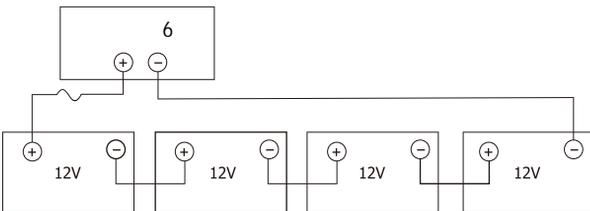
2.

200

100

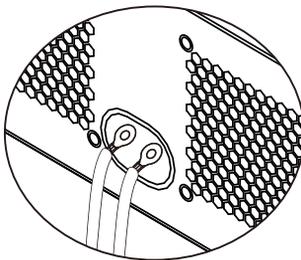
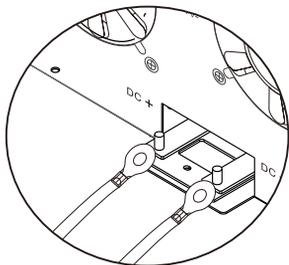
6

4



3.

2-3



⚠

⚠
 !!
 !!
 !!
 (-) (+) (+) (-)

/

!!

6

!!

!!

: 30

4 , 40

«IN» «OUT»

6KW DC48V	8 AWG	1.4~ 1.6Nm
4KW DC24V	12 AWG	1.2~ 1.6Nm

1.

2.

3.

N 3mm.

10

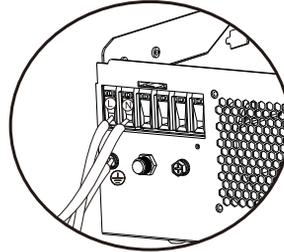
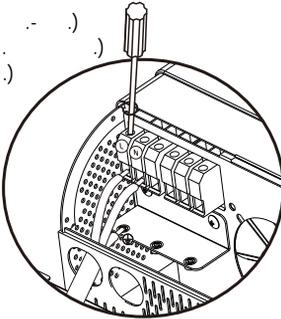
L

PE ().

⊕ → (. .)

L → (. .)

N → (.)



4.

PE

(L1/N1, L2/N2).

«

».

⊕ → (. .)

L1-> (. .)

N1-> (.)

L2-> (. .)

N2-> (.)

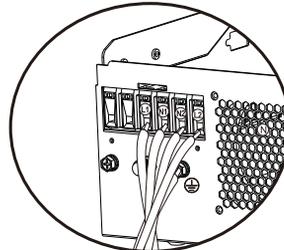
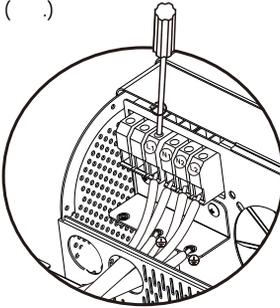
⊕ → (. .)

L1-> (. .)

N1-> (.)

L2-> (. .)

N2-> (.)



5.

L N

2-3

!

6KW DC48V	27A	10AWG	1.2 ~ 1.6 Nm
4KW DC24V	18A	12AWG	

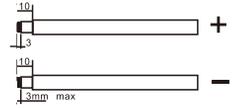
1. (Voc)
 2. (Voc)
 3. (Vmpp) Vmp Vmp
- * Vmp: Vmp. Vmpp * X =
- Vmp /Impp =

	4KW DC24V	6KW DC48V
	500Vdc max (single model) /450Vdc max (parallel model)	
MPPT	90~430Vdc	120~430Vdc
MPPT Number	1	

(Pmax): 330W Vmpp(V) :38.70V Impp(A) :8.54A Voc(V) :46.1V Isc(A) :9.17A	1980W	6	6
	2640W	8	8
	3300W	5 2	10
	3960W	6 2	12
	4620W	7 2	14
	5280W	8 2	16
	5940W	9 2	18

1. 10

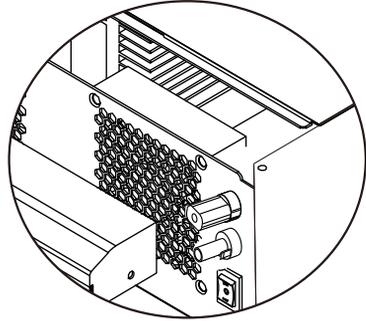
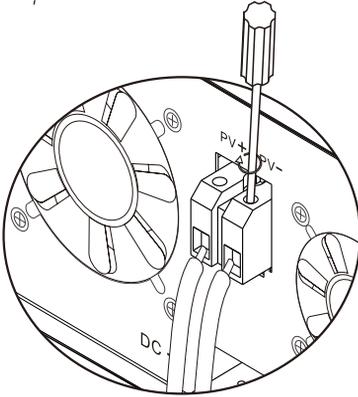
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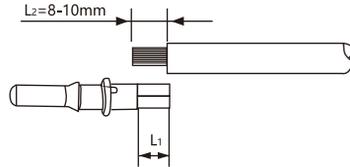
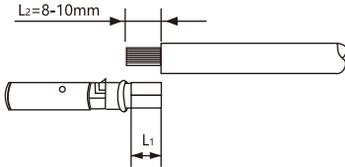
(+)

(-)

3.

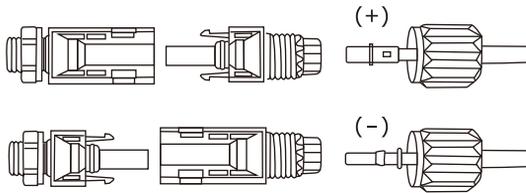


1.
2.

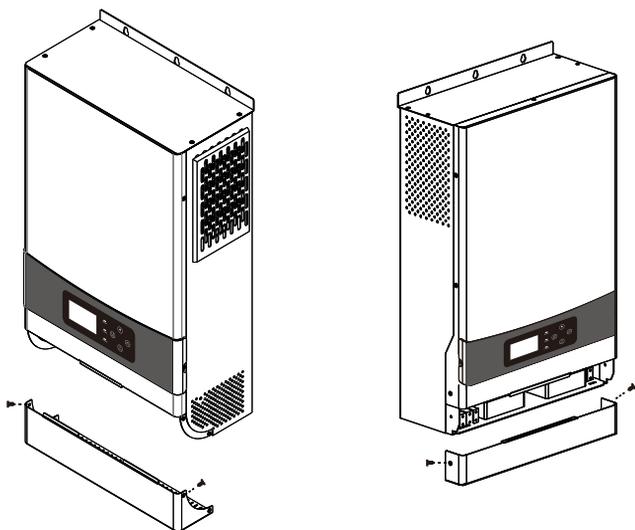
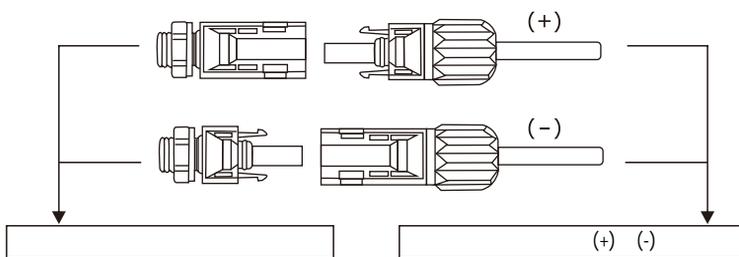


3.
4.

400 N,



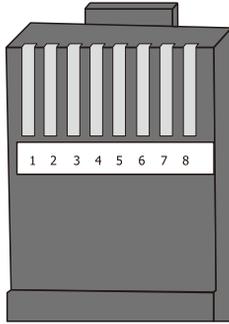
5.



RJ45

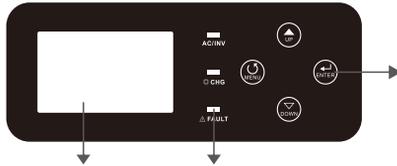
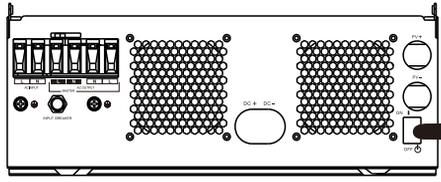
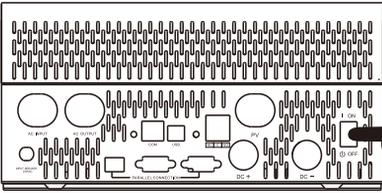
RJ45

1	RS-485-B
2	RS-485-A
3	GND
4	CANH
5	CANL
6	
7	
8	



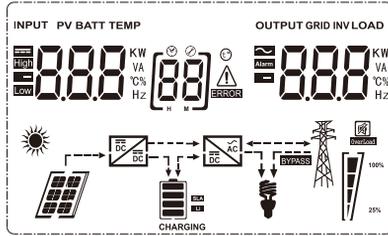
(3 /250).

						
			NC&C	NO&C		
		01	<			
			> 21			
	SBU, SUB	01	<	20		
			> 21			



AC/ INV			
CHG			
FAULT			

MENU	
UP	
DOWN	
ENTER	



000 KW VA °C% Hz		
[88]		
88	88 88	
 SLA LI CHARGING	0-24%, 25-49%, 50-74% 75-100%	
/	<2V/cell	4
	2v/cell~2.083v/cell	
	2.083v/cell~2.167v/cell	
	>2.167V/cell	

		-
> 50%	<1.717V/cell	
	1.717V/cell~1.8V/cell	
	1.8V/cell~1.883V/cell	
	>1.883 V/cell	
50% > > 20%	<1.817V/cell	
	1.817V/cell~1.9V/cell	
	1.9 V/cell ~1.983V/cell	
	>1.983 V/cell	
< 20%	<1.867V/cell	
	1.867V/cell~1.95V/cell	
	1.95V/cell~2.033V/cell	
	>2.033 V/cell	

OverLoad				
 100% 25%	%			
	0%~24%	25%~49%	50%~74%	75%~100%



BYPASS



«ENTER» 2
 « » « »,
 « » « »,

00		[00]ESC	
01		([0]SUB	21. 20, 20
		[0]SUBU	20, 21 (BLU), LBU). 20, 20

		[0] SOL	5 21 5 20,
		[0] UL	
02		Appliances (default) [02] APL	90-280
		UPS [02] UPS	170-280
		GEN [02] GEN	
		VDE [02] VDE	(184-253) VDE4105
03		[03] 230 ^v	(220-240)
04		50Hz () [04] 500 _{Hz}	60Hz [04] 600 _{Hz}
05		() [05] BLU	21,
		[05] LBU	20,
06		[06] BYD	() [06] BYE

07		() [07]LFD	[07]LFE
08		() [08]LFD	[08]LFE
09	/	() [09]CFD	[09]CFE
			/ SUB, 21 SBU, 21 (BLU)/20 (LBU).
10		[10]CSO	
		() [10]SNV	
		[10]OSO	
11	(+) =	80A () [11] 80 ^A	4 , 1 100 1 . 120 - 6
13		30A () [13] 30 ^A	4 , 1 80 1 . 100 - 6
14		AGM () [14]AGN	[14]FLD
		GEL [14]GEL	LEAD [14]LEA
		Lithium Ion [14] L	[14]USE
		USE "Li", "Li", USE,	11, 17, 18 11, 17, 18.

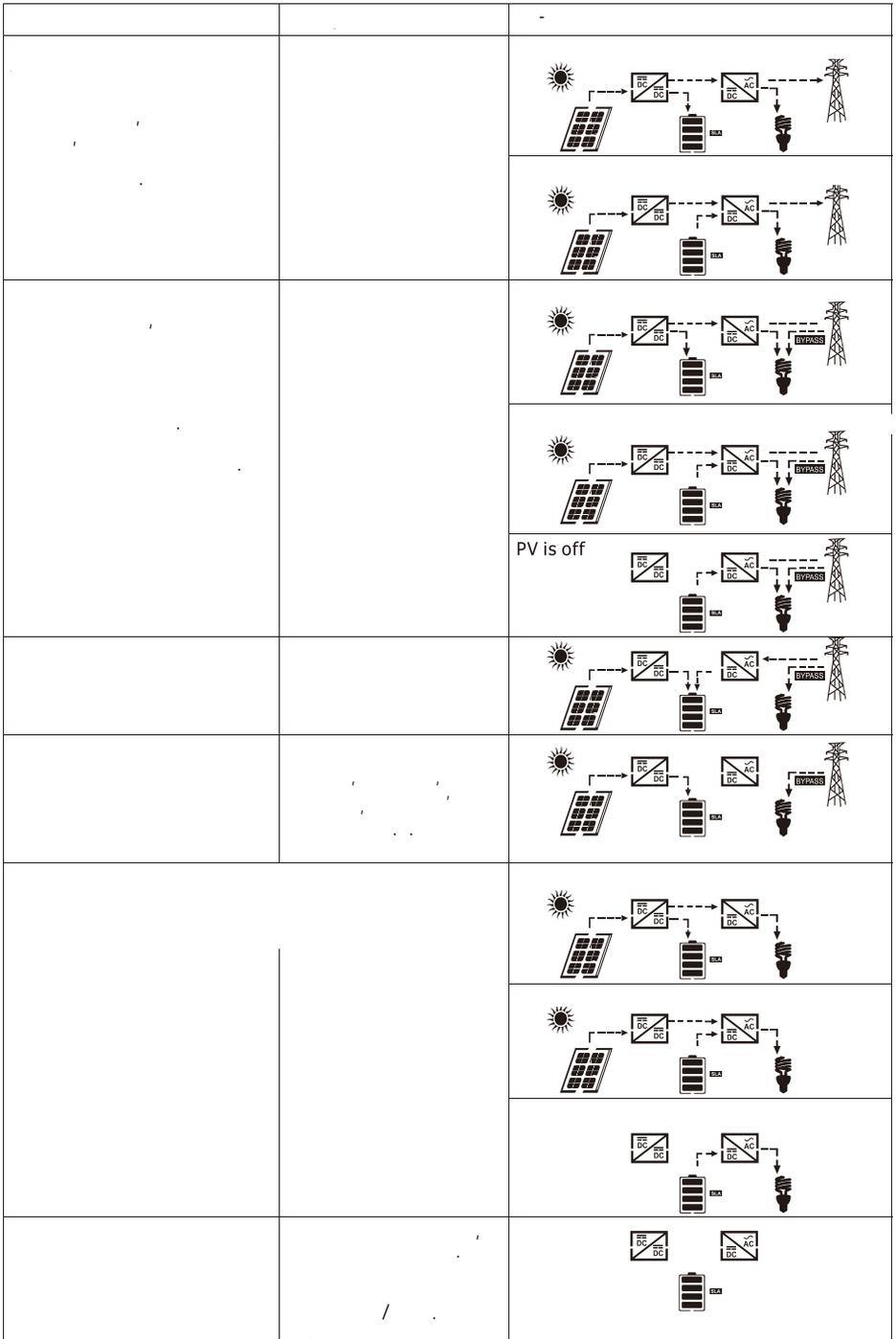
17		24V: 28.2	
		[17]CV 28.2 ^v	
		USE "Li" 14	
		24.0 29.2 . 0.1	
18		48V: 56.4	
		[17]CV 56.4 ^v	
		USE "Li" 14	
		48.0 58.4 . 0.1	
19	SOC	24V: 27.0	
		[18]FLV 27.0 ^v	
		USE "Li" 14	
		24.0 29.2 . 0.1	
		48V: 54.0	
		[18]FLV 54.0 ^v	
19	SOC	24V: 21.0	
		[19]COV 21 ^v	
		USE "Li" 14	
		21.0 24.0 . 0.1 .	
		48V: 42.0	
		[19]COV 42 ^v	
19	SOC	USE "Li" 14	
		42.0 48.0 . 0.1 .	
		SOC 10% ()	
		SOC [19] 10 %	
		USE "Li" 14	
		" SOC" 37, 0	
90%. 1%.			
20		24V:	
		24.0V ()	22.0 29.0 .
		[20]24.0 ^v	0.1
		48V:	
48.0V ()	44.0 58.0 .		
[20]48.0 ^v	0.1		

21		27.0V () [2] 27.0 _v	24V: 22.0 29.0 0.1
		54.0V () [2] 54.0 _v	48V: 44.0 58.0 0.1
22		() [22] PLE	
		[22] PEd	
23		[23] LOn	[23] LOF
24		() [24] bOn	[24] bOF
25		[25] ROn	[25] ROF ()
27		() [27] FOn	[27] FOF
29		() [29] SdS	
		[29] SEN	/
30		() [30] EEn	[30] EdS ()
31		[31] E _v 28.8 _v	24V: 28.8
		[31] E _v 57.6 _v	48V: 57.6
		58.4 24.0 29.2 48V. 0.1 24V, 48.0	
33		60min () [33] 60	5 900 5
34		120min () [34] 120	5 900 5

01		[01]  ERROR
02		[02]  ERROR
03		[03]  ERROR
04		[04]  ERROR
05		[05]  ERROR
06		[06]  ERROR
07		[07]  ERROR
08		[08]  ERROR
09		[09]  ERROR
11		[11]  ERROR
21		[21]  ERROR
22		[22]  ERROR
23		[23]  ERROR
24		[24]  ERROR
25		[25]  ERROR
26		[26]  ERROR
27		[27]  ERROR
31		[31]  ERROR
32		[32]  ERROR
33		[33]  ERROR
41		[41]  ERROR
42		[42]  ERROR

43		[43]
44		[44]
51		[51]
52		[52]
53		[53]
55		[55]
56		[56]
57		[57]
58		[58]

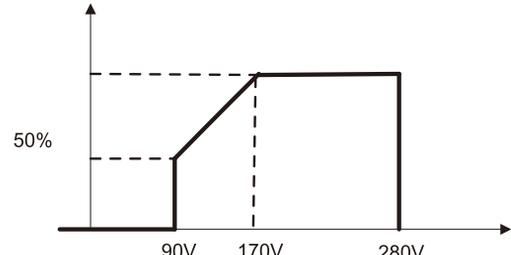
		()
61		[61]
62	2	[62]
63		[63]
64		[64]
67		[67]
70		[70]
72		[72]
73		[73]
74		[74]
75		[75]
76		[76]
77		[77]
90		[90]



	-
/	BATT 260 V 480 A
/	INV 229 V 130 A
/	GRID 229 V 80 A
	LOAD 100 KW 120 KVA
/	INPUT 500 Hz 500 Hz
	INPUT PV 360 V 806 A
	PV OUTPUT 430 V 320 KW

1.

	4KW DC24V	6KW DC48V
	()	
	230Vac	
	90Vac±7V(APL,GEN);170Vac±7V(UPS); 186Vac±7V(VDE)	
	100Vac±7V(APL,GEN);180Vac±7V(UPS); 196Vac±7V(VDE)	
	280Vac±7V(UPS,APL,GEN); 253Vac±7V(VDE)	
	270Vac±7V(UPS,APL,GEN); 250Vac±7V(VDE)	
	300Vac	
	50HZ/60HZ()	
	40HZ±1HZ(UPS,APL,GEN); 47.5HZ±0.05HZ(VDE)	
	42HZ±1HZ(UPS,APL,GEN); 47.5HZ±0.05HZ(VDE)	
	65HZ±1HZ(UPS,APL,GEN); 51.5HZ±0.05HZ(VDE)	
	63HZ±1HZ(APL,GEN,UPS); 50.05HZ±0.05HZ(VDE)	

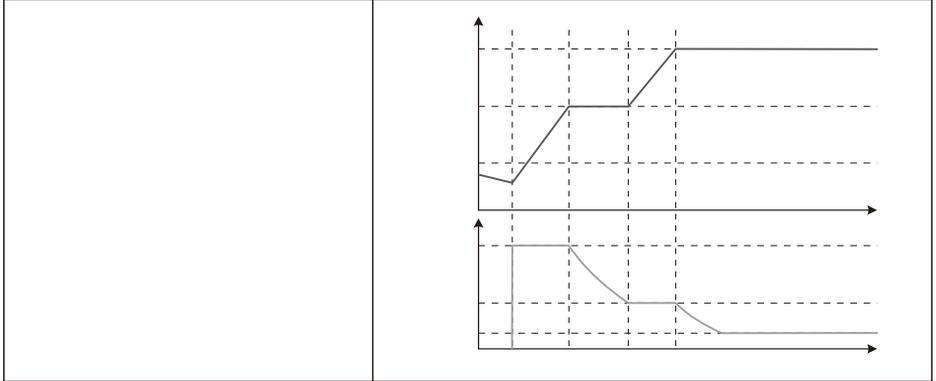
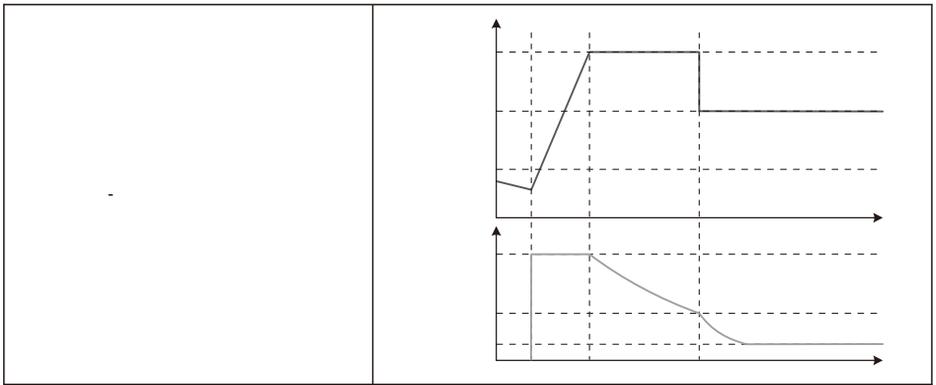
()	>95% (R,)
	10ms typical (UPS,VDE) 20ms typical (APL) < 50ms ()
170 , 95	230Vac model: 

2.

	4KW DC24V	6KW DC48V
	4000W	6000W
	230Vac±5%	
	60Hz / 50Hz	
	92%	
	5s@≥110% load; 10s@105%~110% load	
	24Vdc	48Vdc
	23.0Vdc	46.0Vdc
@ load < 50%	23.0Vdc	46.0Vdc
@ load ≥ 50%	22.0Vdc	44.0Vdc
@ load < 50%	23.5Vdc	47.0Vdc
@ load ≥ 50%	23.0Vdc	46.0Vdc
@ load < 50%	21.5Vdc	43.0Vdc
@ load ≥ 50%	21.0Vdc	42.0Vdc
	29Vdc	58Vdc
	30Vdc	60Vdc

3.

		4KW DC24V	6KW DC48V
@	80A _{MAX}		100A _{MAX}
	AGM / Gel/LEAD	27.4Vdc	54.8Vdc
		27.4Vdc	54.8Vdc
	AGM / Gel/LEAD	28.8Vdc	57.6Vdc
		28.4Vdc	56.8Vdc
		3- AGM/GEL/LEAD (), 4- (LI)	
		4KW DC24V	6KW DC48V
		5000W	6000W
		100A	120A
		500Vdc max (single model) /450Vdc max (parallel model)	
MPPT	90~430Vdc		120~430Vdc
	17Vdc		34Vdc
		+/-0.3%	
		+/-2V	
		3- AGM/GEL/LEAD (), 4- (LI)	



	4KW DC24V	6KW DC48V
	100A	120A
	80A	

4.

	4KW DC24V	6KW DC48V
	CE	
	0°C to 50°C	
	-15°C~ 60°C	
(* *),	322*486*134	309*505*147
,	9.5	12.5

		/	
	3	(< 1.91 V/Cell)	1. 2.
		1. (<1.4V/Cell) 2.	1. 2. 3.
	0,		
			1. 2.
	07	110%	
	05		
	02	90	
	03		
	01		
	06/58	(202 253)	1. 2.
	08/09/53/57		
	51		
	52		
	55		
56			

**MUST**[®]

ГАРАНТИЙНЫЙ СЕРТИФИКАТ

Серийный номер _____

Имя клиента				Телефон	
Адрес					
Модель					
Дата покупки			Гарантия до:		
М.П. Продавца			Подпись клиента		

**MUST**[®]

ГАРАНТИЙНЫЙ СЕРТИФИКАТ

Серийный номер _____

Имя клиента				Телефон	
Адрес					
Модель					
Дата покупки			Гарантия до:		
М.П. Продавца			Подпись клиента		

**MUST**[®]

GUARANTEECERTIFICATE

Serial No.: _____

Customer's Name				Contact Person	
Address				Telephone No.	
Product/Model:		Post Code		Fax No.	
Date of purchase				Expire Date	
Dealer Signature				Customer Signature	

**MUST**[®]

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Customer's Name				Contact Person	
Address				Telephone No.	
Product/Model:		Post Code		Fax No.	
Date of purchase				Expire Date	
Dealer Signature				Customer Signature	