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## Автономные солнечные системы



### Генератор Солнечной Энергии Мощностью 8 kw

JCN 8000							
Technical data:	Item No.	JCN 8000	Load reference:				
Capacity	5000VA	Name of Load	Power (W)	Quantity	Working Time per Day (H)	Working Days	
System voltage	96VDC	Color TV	65W	4	6	3 days	
		Satellite TV Receivers	25W	4	6		
Inverter	Output wave	Pure sine wave	LCD Computer	100W	3		2.5
	Output voltage	AC220V	Energy-saving lamp	11W	10		6
	Output frequency	50HZ/60HZ	Printer	30W	1		1
	Output current	22.7A	Electrograph	150W	1		1
	Precision of output voltage	±3%	Water Pump	200W	1		1
	Precision of output frequency	±0.1%	Refrigeratory	100W	1		24
	False output wave of AC	<3%	Washing machine	300W	1		0.5
	Overload ability	120%, 30 seconds	Air-condition	1200W	2		5
	Invert efficiency	>85%					
Solar panel	Pmax	300W*20					
	Vmp	36V					
	Imp	8.33A					
Battery	Capacity	12V250AH*8					

Package data:								
Part	Size (L*W*H mm)	Weight (kg)	20' (pcs)	40' (pcs)				
Power box	760*380*880							
Solar panel	1950*992*45	24						
Solar panel bracket								
Battery	520*268*230	72						
Battery bracket								



## Солнечная Генераторная Система Мощностью 7 kw

JCN 7000							
Technical data:			Load reference:				
Item No.		JCN 7000	Name of Load	Power (W)	Quantity	Working Time per Day (H)	Working Days
Capacity		5000VA	Color TV	65W	1	6	3 days
System voltage		96VDC	Satellite TV Receivers	25W	1	6	
Inverter	Output wave	Pure sine wave	LCD Computer	100W	1	2.5	
	Output voltage	AC220V	Energy-saving lamp	11W	6	6	
	Output frequency	50HZ/60HZ	Printer	30W	1	1	
	Output current	22.7A	Electrograph	150W	1	1	
	Precision of output voltage	±3%	Water Pump	200W	1	1	
	Precision of output frequency	±0.1%	Refrigeratory	100W	1	24	
	False output wave of AC	<3%	Washing machine	300W	1	0.5	
	Overload ability	120%, 30 seconds	Air-condition	1200W	2	5	
	Invert efficiency	>85%					
Solar panel	Pmax	330W*16					
	Vmp	36V					
	Imp	9.16A					
Battery	Capacity	12V250AH*8					
Package data:							
Part	Size (L*W*H mm)	Weight (kg)	20' (pcs)	40' (pcs)			
Power box	760*380*880						
Solar panel	1950*992*45	24					
Solar panel bracket							

Battery	520*268*230	72						
Battery bracket								



## Солнечная Энергетическая Система 2 kw

# JCN 2000

Technical data:			Load reference:				
Item No.	JCN 2000L	Name of Load	Power (W)	Quantity	Working Time per Day (H)	Working Days	
Capacity	2000VA	Color TV	65W	1	6	3 days	
System voltage	24V	Satellite TV Receivers	25W	1	6		
		LCD Computer	100W	1	6		
Inverter	Output wave	Pure sine wave	Energy-saving lamp	11W	10		7
	Output voltage	AC 220V	Printer	30W	1		1
	Output frequency	50HZ/60HZ	Electrograph	150W	1		1
	Output current	9A	Water Pump	200W	1		2
	Precision of output voltage	±3%	Refrigeratory	200W	1		24
	Precision of output frequency	±0.1%	Washing machine	300W	1		1
	False output wave of AC	<3%					
	Overload ability	120%, 30 seconds					
Invert efficiency	>85%						
Solar panel	Pmax	300W*8					
	Vmp	36V					
	Imp	8.33A					
Battery	Capacity	12V250AH*4					
Package data:							
Part	Size (L*W*H mm)	Weight (kg)	20' (pcs)	40' (pcs)			
Power box	420*200*330	19					
Solar panel	1950*992*45	24					
Solar panel bracket							
Battery	520*268*230	72					



## Солнечная Энергетическая Система 20 kw

Technical Parameter	
Model	TN220V/20KW-100A
Rated output power	20000w
Battery voltage	220v
Solar controller	220v100a (The configuration can according to customer requirements)
Solar PV module maximum voltage	≤400vdc
AC output voltage	General:220v±3% ; 50Hz±1Hz(Can be changed according to customer requirements)
Output wave	Pure sine wave
Plug	Internationalgeneral (Can be selected by customer)
Conversion efficiency	90%
City electricity complementary function	Yes
Overload protection	Yes
Low voltage protection	Yes
Overheat protection	Yes
Short-circuit protection	Yes
Battery electric power display	Yes
Charging function of city electricity	Yes (≤10A)
Output isolation	Yes

### System configuration

	Accessory name	Model details
1	Inverter	20000w220v
2	Controller	220v100a
3	Solar panel	Mono solar panel250w*64pcs
4	Bracket	1 set
5	Lead-acid battery	12v250ah*32pcs
6	MC4 tee joint,Cable,Battery connection line	MC4 tee joint : 4pairs, Cable : 8pcs 10M 6mm cablewith MC4 connector line (4 red & 4 black) ; 8pcs 5M 10mm cablewith lug connector line (4 red & 4 black) 30pcs 0.2M 10mm cable with lug connector line (black)

### System equipment weight、 Size

Inverter weight、 Size(L*W*H)	150kg*1set 、 700*370*990mm
Controller box weight、 Size(L*W*H)	27kg*1set、 417*360*118mm
Solar PV module weight、 Size(L*W*H)	20kg*64PCS、 1642*992*50mm
Battery weight、 Size(L*W*H)	73kg *32PCS 、 520*268*220(243)mm
System total weight	About 2650kg (without bracket)

Generating capacity (solar PV module power rate\*5hours sunshine time\*80%)

The average daily sunshine time≥5 hrs area it's generating capacity is≥64kwh

Power supply time (Load power supply time : generating capacity \*efficiency/load total power)

Load appliance	Power	Number	Continuous supply time in rainy days
White woven lamp	75w	20pcs	34hrs
29cun LCD TV	150w	4set	85hrs
Double-door refrigerator	120w	4set	106hrs
Fan	60w	12set	71hrs
Washing machine	350w	4set	36hrs
Computer	220w	8set	29hrs
Air-conditioner	750W	6set	11hrs



## Домашняя Солнечная Энергетическая Система

Technical Parameter			
Model	TN192V10KW-50A		
Rated output power	10000w		
Battery voltage	192v		
Solar controller	192v50a (The configuration can according to customer requirements)		
Solar PV module maximum voltage	≤400vdc		
AC output voltage	General:220v±3% ; 50Hz±1Hz(Can be changed according to customer requirements)		
Output wave	Pure sine wave		
Plug	International general (Can be selected by customer)		
Conversion efficiency	90%		
City electricity complementary function	Yes		
Overload protection	Yes		
Low voltage protection	Yes		
Overheat protection	Yes		
Short-circuit protection	Yes		
Battery electric power display	Yes		
Charging function of city electricity	Yes (≤10A)		
Output isolation	Yes		
System configuration			
	Accessory name	Model details	
1	Inverter	10000w192v	
2	Controller	192v50a	
3	Solar panel	Mono solar panel250w*32pcs	
4	Bracket	1 set	
5	Lead-acid battery	12v250ah*16pcs	
6	MC4 tee joint,Cable,Battery connection line	MC4 tee joint : 2pairs, Cable : 4pcs 10M 6mm cablewith MC4 connector line (two red & two black ) ; 4pcs 5M 10mm cablewith lug connector line (two red & two black) 15pcs 0.2M 10mm cable with lug connector line (black)	
System equipment weight、 Size			
Inverter weight、 Size(L*W*H)		90kg*1set 、 700*370*990mm	
Controller box weight、 Size(L*W*H)		15kg*1set、 417*360*118mm	
Solar PV module weight、 Size(L*W*H)		20kg*32PCS、 1642*992*50mm	
Battery weight、 Size(L*W*H)		73kg *16PCS 、 520*268*220(243)mm	
System total weight		About1950kg (without bracket)	
Generating capacity (solar PV module power rate*5hours sunshine time*80%)			
The average daily sunshine time≥5 hrs area it's generating capacity is≥32kwh			
Power supply time (Load power supply time : generating capacity *efficiency/load total power)			
Load appliance	Power	Number	Continuous supply time in rainy days
White woven lamp	75w	10pcs	34hrs

29cunLCDTV	150w	2set	85hrs
Double-door refrigerator	120w	2set	106hrs
Fan	60w	6set	71hrs
Washing machine	350w	2set	36hrs
Computer	220w	4set	29hrs
Air-conditioner	750W	3set	11hrs



## Солнечная Система Мощностью 5 kw

Description	Item Model No.	Specification	Size(m m)	Qty's ( Pc s)	Pcs/ Ctn	Packing si ze(mm)	Total G.W (KGS)
Solar panel (Poly)	JCN-P300-36	(Pmax):300w (Voc) : 45.49v (Isc) : 9.01A (Vmp) :36V (Imp):8.41A	1935*9 86*45	10	1	1950*1000* 60	240
Inverter	JCNS-50248-50	Rated capacity:5000w Inp ut voltage:DC 48v	490*30 0*660	1	1	560*300*51 0	58
Controller		Output voltage:AC 220v Pure sine wave					
Battery	JCN-12V200AH	Nominal capacity:200ah N ominal voltage:12V  Sealed type:Sealed - Lead acid	12V200 Ah 522*24 0*218	12	1	531*248*26 5	648
Cable	4sqmm	80m					4



## Солнечная Система Мощностью 3 kw

Description	Item Model No.	Specification	Picture	Size(mm)	Qty's (Pcs)	Packing size(mm)	Total G.W(KGS)
Solar panel (Poly)	JCN-P300-36	(Pmax):300w (Voc) : 45.49v (Isc) : 9.01A (Vmp) :36V (Imp):8.41A		1942*992*40	2	1960*1005*100	48
Inverter	JCNS-20224-30	Rated capacity:2000w Input voltage:DC 24v Output voltage:AC 220v Pure sine wave		420*200*330	1		21
Controller		Rated current:30A Rated voltage:24V Charge mode:PWM					
Battery	JCN-12V200AH	Nominal capacity:200ah Nominal voltage:12V Sealed type:Sealed-Lead acid		12V200Ah 522*240*218	4	531*248*265	216
Cable	4sqmm	40M			1		2



## Солнечная Система 50 kw, Автономная

Technical Parameter	
Model	T50K0384-200
Rated output power	50000w
Battery voltage	DC384V
Solar controller	384V/200A
Solar PV module maximum voltage	≤700vdc
AC output voltage	General:AC380v±3% ; 50Hz±1Hz

Output wave	Pure sine wave
Plug	Internationalgeneral (Can be selected by customer)
Conversion efficiency	88%
City electricity complementary function	NO(can add this function)
Overload protection	Yes
Low voltage protection	Yes
Overheat protection	Yes
Short-circuit protection	Yes
Battery electric power display	Yes
Charging function of city electricity	NO(can add this function)
Output isolation	Yes
System configuration	
Accessory name	Model details
1 Inverter	3 phase 380V/50Kw
2 Controller	384v200a
3 Solar panel	Mono solar panel 250w*200pcs
4 Bracket	1 set
5 Lead-acid battery	12v200ah*96PCS
6 Cable,Battery connection line	Cable,Battery connection line
System equipment weight、 Size	
Inverter weight、 Size(L*W*H)	550kg*1set 、 800*670*1550mm
Controller box weight、 Size(L*W*H)	32.5kg*1set、 500*330*805mm
Solar PV module weight、 Size(L*W*H)	24.5kg*200PCS、 1650*986*40mm
Battery weight、 Size(L*W*H)	55.5kg *96PCS 、 505*265*235mm
System total weight	
Generating capacity (solar PV module power rate*6hours sunshine time*80%)	
The average daily sunshine time≥6 hrs area it's generating capacity is≥240kwh	

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