



® – 20KW-100KW Hybrid Solar Inverter



## Specification:

MODEL	T5K	T6K	T8K	T10K	T20K	T30K	T50K	T60K	T100K
Power	5KW	6KW	8KW	10KW	20KW	30KW	50KW	60KW	100KW
Power Factor	0.8								
Phase	3 phase 4 wire and ground								
Voltage Range	380V± 20%(3 phase), phase voltage 220V								
Input	Frequency								
Range	45 – 65Hz								
Rectifier	3 phase 6 pulses, 12 pulses is optional								
Phase	3 phase 4 wire and ground								
Wave form	Pure sine wave								
Crest Factor	3: 01								
Rated voltage	380/400/415V optional+ -1% for static load, 5% for fluctuant load								
Phase voltage setting	200 - 244VAC, pls confirm when order								
Output	Transient response								
	+/-5%, 10ms								
Frequency	50 / 60 Hz + / - 0.05%								
Total-harmonic distortion	< 3% linear load, < 5%( nonlinear load)								
Short circuit current	Short current for 0.1s (200% current)								
Overload capacity	Overload 125% for 10 Mins, 125%-150% for 1min. automatically resume when load become normal								
Battery	Maintenance free lead-acid cell								
DC Voltage	48v or 96V(1-15KW)						384V		
Max Charge Current	6-30A adjustable								
Type	Static state + manual maintenance bypass								
Input Phase	3 phase 4 wire and ground								
Bypass	Input voltage range								
	15% - 25% (the front control panel selectable)								
Transfer time	Inverter / bypass transfer switch time(Overload): 0ms inverter / bypass transfer switch time (fault inverter) 1ms								

Efficiency	Whole unit	> 85%								
	Inverter	91	91	92	92	93	93	95	95	95
	Remote signaling	Dry contact (battery low, battery discharging, bypass/ fault); output 12Vdc/80mA, Optional parts								
	Communication interface	RS232 ( SNMP, modem optional )								
	Running temperature	0-40 degree Celsius								
	Relative Humidity	Less than 95% (without condensing)								
	Noise at 1 M	less than 60 dB								
	Degree of protection	IP20								
	Applicable Standards	EN50091-1-EMC EN50091-2liv. A								
	Product size(mm)	700*364*969		700*364*969		785*580*1200		1200*900*1820		
	product weight(Kg)	80	82	85	108	125	190	380	690	800
	Package size(mm)	827*500*125		827*500*1255		1135*810*1430		1450*1110*1880		
	Package weight(Kg)	100	102	105	125	145	215	420	750	860

MODEL	T120K	T150K	T200K	T250K
Power	120KW	150KW	200KW	250KW
Power Factor	0.8			
Input	Phase 3 phase 4 wire and ground			
	Voltage Range 380V± 20%(3 phase), phase voltage 220V			
	Frequency Range 45 – 65Hz			
	Rectifier 3 phase 6 pulses, 12 pulses is optional			
	Phase 3 phase 4 wire and ground			
	Wave form Pure sine wave			
Output	Crest Factor 3: 01			
	Rated voltage 380/400/415V    optiona+    -1% for static load, 5% forfluctuant load			
	Phase voltage setting 200 - 244VAC, pls confirm when order			
	Transient response +/-5%, 10ms			
	Frequency 50 / 60 Hz + / - 0.05%			
	Total-harmonic distortion < 3% linear load, < 5%( nonlinear load)			
	Short circuit current Short current for 0.1s (200% current)			
	Overload capacity Overload 125% for 10 Mins, 125%-150% for 1min. automatically resume when load become normal			
	Type Static state + manual maintenance bypass			

Bypass	Input Phase	3 phase 4 wire and ground		
	Input voltage range	15% - 25% (the front control panel selectable)		
	Transfer time	15% - 25% (the front control panel selectable)		
	Battery	Maintenance free lead-acid cell		
Battery	DC Voltage	384V		
	Max Charge Current	6-30A adjustable		
Efficiency	Whole unit	> 85%		
	Inverter	95	95	95
Remote signaling	Dry contact (battery low, battery discharging, bypass/fault); output 12Vdc/80mA, Optional parts			
Communication interface	RS232 ( SNMP, modem optional )			
Running temperature	0-40 degree Celsius			
Relative Humidity	Less than 95% (without condensing)			
Noise at 1 M	less than 60 dB			
Degree of protection	IP20			
Applicable Standards	EN50091-1-EMC EN50091-2liv. A			
Product size(mm)	1200*900*1820	1200*900*1820	1200*900*1820	
product weight(Kg)	950	1100	1500	
Package size(mm)	1450*1110*188	1450*1110*188	1450*1110*1880	
	0	0		
Package weight(Kg)	1008	1130	1550	

## Remark:

- 1)MOQ:2pcs. Above price is EXW factory price. Discount according quantity orders.
- 2) According to customer request for the product voltage design .
- 3)2 years warranty
- 4)during the warranty, ship the free parts for after sales service
- 5)delivery time:3-31 days for quantity order

