



Product Service

CERTIFICATE

No. B 105515 0029 Rev. 01

Holder of Certificate: **Suzhou Hypontech Co., Ltd.**

No.1508 Xiangjiang Road,
SND,
215010 Suzhou
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

**Converter
Solar Inverter**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092103707-01

Valid until: 2026-11-10

Date, 2021-11-11

(Zhengdong Ma)

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Model(s):

HPT-30K, HPT-33K, HPT-36K,
HPT-40K, HPT-50K, HPT-15KL,
HPT-20KL, HPT-22KL, HPT-25KL,
HPT-30KL.

Parameters:

Model Name	HPT-30K	HPT-33K	HPT-36K
PV Input Ratings			
Max. input voltage:	d.c. 1100V		
MPP voltage range:	d.c. 150-1000V		
Max. input current:	d.c. 3 x 30A		
Isc PV(absolute maximum):	d.c. 3 x 45A		
AC Output Ratings			
Rated grid voltage:	3/N/PE~ 230/400V, 220/380V		
Rated grid frequency:	50/60Hz		
Max. continuous output current:	a.c. 50A	a.c. 55A	a.c. 60A
Rated AC output active power:	30000W	33000W	36000W
Max. AC output apparent power:	33000VA	36300VA	39600VA
Adjustable cos(φ):	0.8ind...0.8cap		
Operating temperature range:	-25°C...+60°C		
Protective class:	I		
Ingress protection:	IP65		
Overvoltage category:	II(PV), III(Mains)		
Inverter Topology	Non-isolated		

CERTIFICATE

No. B 105515 0029 Rev. 01

Model Name	HPT-40K	HPT-50K
PV Input Ratings		
Max. input voltage:	d.c. 1100V	
MPP voltage range:	d.c. 150-1000V	
Max. input current:	d.c. 4 x 30A	
Isc PV(absolute maximum):	d.c. 4 x 45A	
AC Output Ratings		
Rated grid voltage:	3/N/PE~ 230/400V, 220/380V	
Rated grid frequency:	50/60Hz	
Max. continuous output current:	a.c. 66.7A	a.c. 80A
Rated AC output active power:	40000W	50000W
Max. AC output apparent power:	44000VA	55000VA
Adjustable cos(ϕ):	0.8ind...0.8cap	
Operating temperature range:	-25°C...+60°C	
Protective class:	I	
Ingress protection:	IP65	
Overvoltage category:	II(PV), III(Mains)	
Inverter Topology	Non-isolated	

Model Name	HPT-15KL	HPT-20KL	HPT-22KL
PV Input Ratings			
Max. input voltage:	d.c. 1000V		
MPP voltage range:	d.c. 150-950V		
Max. input current:	d.c. 3 x 30A		
Isc PV(absolute maximum):	d.c. 3 x 45A		
AC Output Ratings			
Rated grid voltage:	3/N/PE~ 127/220V		
Rated grid frequency:	50/60Hz		
Max. continuous output current:	a.c. 48A	a.c. 60A	a.c. 66A
Rated AC output active power:	15000W	20000W	22000W
Max. AC output apparent power:	16500VA	22000VA	24200VA
Adjustable cos(ϕ):	0.8ind...0.8cap		
Operating temperature range:	-25°C...+60°C		
Protective class:	I		
Ingress protection:	IP65		
Overvoltage category:	II(PV), III(Mains)		
Inverter Topology	Non-isolated		



CERTIFICATE

No. B 105515 0029 Rev. 01

Model Name	HPT-25KL	HPT-30KL
PV Input Ratings		
Max. input voltage:	d.c. 1000V	
MPP voltage range:	d.c. 150-950V	
Max. input current:	d.c. 4 x 30A	
Isc PV(absolute maximum):	d.c. 4 x 45A	
AC Output Ratings		
Rated grid voltage:	3/N/PE~ 127/220V	
Rated grid frequency:	50/60Hz	
Max. continuous output current:	a.c. 73A	a.c. 80A
Rated AC output active power:	25000W	30000W
Max. AC output apparent power:	27500VA	33000VA
Adjustable cos(φ):	0.8ind...0.8cap	
Operating temperature range:	-25°C...+60°C	
Protective class:	I	
Ingress protection:	IP65	
Overvoltage category:	II(PV), III(Mains)	
Inverter Topology	Non-isolated	

Tested according to: IEC 62109-1(ed.1)
 EN 62109-1:2010
 IEC 62109-2(ed.1)
 EN 62109-2:2011