

everything<sup>3</sup>

# HPT<sup>3</sup>

15-25K  
THREE PHASE 2MPPTS



▶ Peak Efficiency  
**98.6 %**

📅 Max. DC Overload  
**50 %**

💬 MES + FCT + CRM  
Infrastructure

⚙️ Easy to Install and  
Service

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MODEL	HPT-15K	HPT-17K	HPT-20K	HPT-25K
<b>PV INPUT</b>				
Max.PV Power / W	22500	25500	30000	32500
Max. Input Voltage / V	1000	1000	1000	1000
MPP Voltage Range/ V	150-900	150-900	150-900	150-900
Start Up Voltage / V	150	150	150	150
Rated Input Voltage /V	620	620	620	620
Max. Input Current / A	26/26	26/26	26/26	26/26
Max. Short Circuit Current / A	40/40	40/40	40/40	40/40
No. of MPPTs/No. Strings Per MPPT	2/2	2/2	2/2	2/2
<b>AC OUTPUT</b>				
Rated Power / W	15000	17000	20000	25000
Max. Apparent Power / VA	16500	18700	22000	27500
Rated Grid Voltage / V	380/400	380/400	380/400	380/400
Grid Connection	3L-N-PE	3L-N-PE	3L-N-PE	3L-N-PE
Rated Grid Frequency / Hz	50/60	50/60	50/60	50/60
Max. Output Current / A	24.0	27.6	31.9	39.9
Power Factor	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap	0.8ind - 0.8cap
TH Di @ Rated Power	<3%	<3%	<3%	<3%
<b>EFFICIENCY</b>				
Max. Efficiency	98.6%	98.6%	98.6%	98.6%
Euro. Efficiency	98.2%	98.2%	98.2%	98.2%
MP PT Efficiency	>99.9%	>99.9%	>99.9%	>99.9%
<b>PROTECTION FUNCTION</b>				
Anti-Islanding Protection	Integrated			
PV String Input Reverse Polarity Protection	Integrated			
Insulation Resistance Detection	Integrated			
Residual Current Monitoring Unit	Integrated			
Output Over Current Protection	Integrated			
Output Short Circuit Protection	Integrated			
Over Voltage Protection	Integrated			
Surge Protection	DC: Type II /AC: Type II			
<b>GENERAL DATA</b>				
Dimensions (W*H*D) / mm	425*351*200			
Weight / kg	20			
User Interface	LCD&LED			
PV Connection Type	MC4 (D4, SUNCLIX, H4 optional)			
Communication with Cloud	RS485/Wi-Fi/4G/LAN (optional)			
Cooling Method	Smart Fan Cooling			
Operating Ambient Temperature / °C	-25 ~ +60			
Relative Humidity / %	0-100			
Max. Operating Altitude / m	2000 (>2000 Derating)			
Protection Class	IP65			
Climatic Category (IEC 60721-3-4)	4K4H			
Topology	Transformerless			
Night Consumption / W	<1			