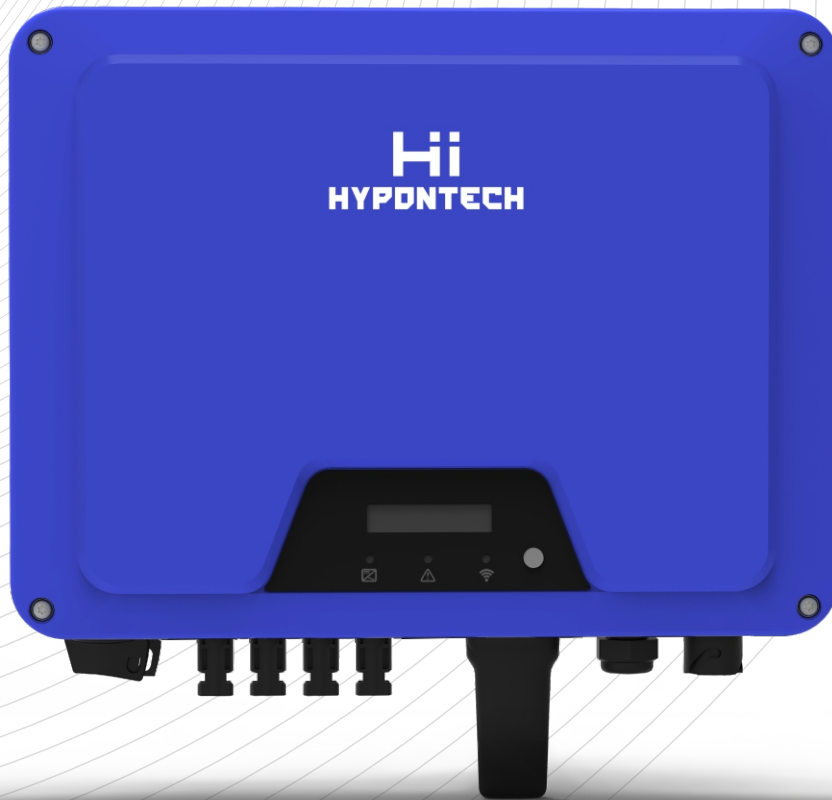


HPT

Three Phase 2 MPPTs

15-25K



MES + FCT + CRM
Infrastructure



Max. DC Overload
50%



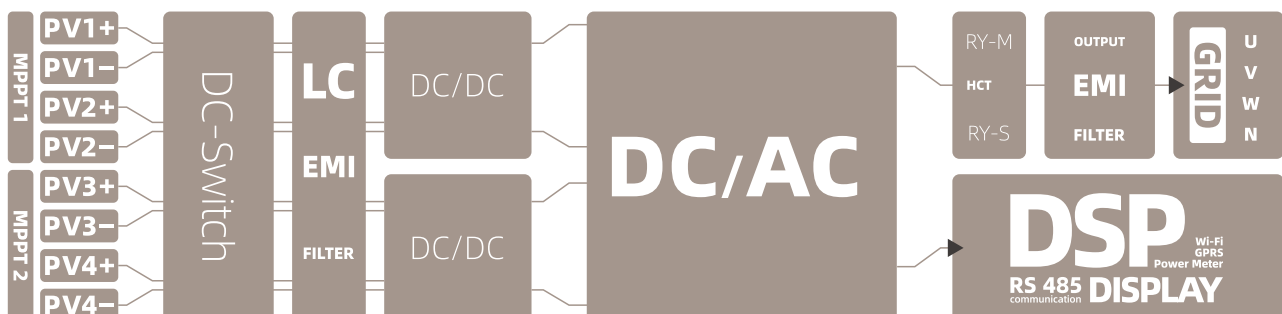
Peak Efficiency
98.6%



Easy to
Install and Service

Features

Block Diagram



| MODEL | HPT-15K | HPT-17K | HPT-20K | HPT-25K |
|--|----------------------------|---------|---------|---------|
| INPUT / DC | | | | |
| Max. PV Power / Wp | 22500 | 25500 | 30000 | 30000 |
| Max. Input Voltage / V | 1000 | | | |
| MPP Voltage Range / V | 200 - 900 | | | |
| Min. DC Voltage / Start Up Voltage / V | 150/180 | | | |
| Nominal DC-Input Voltage / V | 620 | | | |
| Max. Input Current / A | 25/25 | | | |
| Max. DC Short Circuit Current / A | 31.2/31.2 | | | |
| No. of Independent MPPT Inputs | 2 | | | |
| No. of PV Strings per MPPT | 2 | | | |
| OUTPUT / AC | | | | |
| Rated Power / W | 15000 | 17000 | 20000 | 25000 |
| Max. Apparent AC Power / VA | 16500 | 19000 | 22000 | 25000 |
| Rated Grid Voltage / Vac | 380/400 3 / 3-N-PE | | | |
| Rated Power Frequency / Hz | 50/60 | | | |
| Max. Output Current / A | 24 | 27.6 | 31.9 | 36.3 |
| Adjustable Displacement Power Factor | 0.8ind to 0.8cap | | | |
| THDi at Rated Power | <3% | | | |
| EFFICIENCY | | | | |
| Max. Efficiency | 98.6% | | | |
| Euro Efficiency | 98.2% | | | |
| PROTECTION | | | | |
| Anti-Islanding Protection | Integrated | | | |
| Input Reverse Polarity Protection | Integrated | | | |
| Insulation Resistor Detection | Integrated | | | |
| Residual Current Monitoring Unit | Integrated | | | |
| Output Over Current Protection | Integrated | | | |
| Output Short Circuit Protection | Integrated | | | |
| Output Over Voltage Protection | II (DC), III (AC) | | | |
| Surge Protection | DC: Optional / AC: Type II | | | |
| GENERAL DATA | | | | |
| Dimensions (W*H*D) / mm | 425*351*200 | | | |
| Weight / kg | 18 | | | |
| Noise Emission (typical) / dB (A) | <45 | | | |
| User Interface | LCD&LED or LED | | | |
| DC Connection Type | MC4 (SUNCLIX, H4 Optional) | | | |
| AC Connection Type | Plug-in Connector | | | |
| Communication | RS485/WiFi/GPRS (Optional) | | | |
| Cooling Method | Fan cooling | | | |
| Operating Ambient Temperature / °C | -25°C - +60°C | | | |
| Relative Humidity | 0% - 100% | | | |
| Max. Operating Altitude / m | 2000 (>2000 Derating) | | | |
| Degree of Protection (IEC 60529) | IP65 | | | |
| Climatic Category (IEC 60721-3-4) | 4K4H | | | |
| Isolation Method | Transformerless | | | |
| Power Loss On Night Mode / W | <1 | | | |