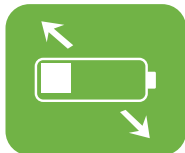


HY 15-30k-TH

THREE PHASE HYTH INVERTER SERIES



WIDE RANGE

Voltage Range(150-800V)



UNBALANCE

Support Unbalance Load

Max.
1.5

PV OVERSIZE

Support 1.5Times PV Oversize

Max.
40A

MAX.40A_{dc}

String Current Up To 40A

<10
ms

ups function

Switch Time<10ms



INPUT

Support Generator

Certification & Approvals: CE/LEC、LVD、CE/IEC EMC、EN50549、VDE4105、C10/11、CEI1021

Enerlution Energy Technology Co.,Ltd.

No. 33, Qiuju Road, Baiyan Science and Technology Park, High-tech Zone, Hefei, China

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Three Phase HYTH Inverter

| PV Input | HY15K-TH | HY20K-TH | HY25K-TH | HY30K-TH |
|------------------------------------|--|----------|-----------|----------|
| PV INPUT | | | | |
| Max. DC Input Power / kW | 22.5 | 30 | 37.5 | 45 |
| Rated DC Input Voltage / V | 620 | | | |
| DC input voltage Range /V | 150-1000 | | | |
| MPPT Voltage Range /V | 150-850 | | | |
| Star-up Voltage/ V | 160 | | | |
| Max. DC Input Current / A | 20+32 | 32+2 | 40*2 | |
| No. of MPPTs Tracker | 2/3 | 2/4 | 214 | |
| BATTERY PORT | | | | |
| Battery Nominal Voltage (V) | 500 | 500 | 500 | 550 |
| Battery Voltage Range (V) | 150-800 | | | |
| Max. Charge/Discharge Current (A) | 50 | 60 | | |
| Max.Charge/Discharge Power (kW) | 15 | 20 | 25 | 30 |
| Compatible Battery Type | Li-ion / Sodium-ion battery | | | |
| AC GRID | | | | |
| Nominal Ac Output Power (kW) | 15 | 20 | 25 | 30 |
| Max. AC Input/Output Power (kVA) | 22.5/16.5 | 30/22 | 37.5/27.5 | 45/33 |
| Max. Ac Output Current(A) | 27 | 32 | 40 | 48 |
| Nominal Ac Voltage (V) | 230/400 | | | |
| Nominal AC Frequency (Hz) | 50/60 | | | |
| GENERAL DATA | | | | |
| Dimensions (Wx Hx D.mm) | 558x535x260 mm | | | |
| Weight (kg) | 29kg | | 36kg | |
| Display & Communication Interfaces | LCD.LED.RS485.CAN.Wi-Fi.GPRS.4G | | | |
| Relatively Humidity | 0 - 100 % | | | |
| Operating Temperature Range (°C) | - 25 to 60 °C | | | |
| Operating Altitude (m) | < 4000 | | | |
| EMC | EN61000-6-2, EN61000-6-3 | | | |
| Certification & Approvals | CE/LEC、LVD、CE/IEC EMC、EN50549、VDE4105、C10/11、CEI1021 | | | |

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