

V-TAC

Meaningful Innovation.

8kW

Three Phase Hybrid Solar Inverter

05 YEAR
WARRANTY

100

100% unbalanced output, each phase Max. output up to 50% rated power

240

Max. charging/discharging current of 240A



DC couple and AC couple to retrofit existing solar system

6

6 time periods for battery charging/discharging

16

Frequency droop control, Max.16pcs parallel



Support storing energy from diesel generator

48V

48V low voltage battery, transformer isolation design



V-TAC.EU

| VTACEXPORTS.COM



CE RoHS

LISTING DETAILS

SKU Code: **11835**
 EAN Code: **3800170217270**

MASTER BOX PACKAGING

Net Weight : **34.5kg**
 Product Size : **422W×658H×281D**

EFFICIENCY

Max. Efficiency **97.60%**
 Euro Efficiency **97.00%**
 MPPT Efficiency **99.90%**

GENERAL DATA

Operating Temperature Range (°C) **-25~60°C, >45°C derating**
 Cooling **Smart cooling**
 Noise (dB) **<45 dB**
 Communication with BMS **RS485; CAN**
 Protection Degree **IP65**
 Installation Style **Wall-mounted**

PV STRING INPUT DATA

Max. DC Input Power (W) **10400**
 PV Input Voltage (V) **550 (150~800)**
 MPPT Range (V) **200-650**
 Start-up Voltage (V) **160**
 PV Input Current (A) **13+13**
 Max. PV ISC (A) **17+17**
 No.of MPPT Trackers **2**
 No.of Strings Per MPPT Tracker **1+1**

AC OUTPUT DATA

Rated AC Output and UPS Power (W) **8000**
 Max. AC Output Power (W) **8800**
 Peak Power (off grid) **2 times of rated power, 10 S**
 AC Output Rated Current (A) **12**
 Max. AC Current (A) **18**
 Max. Continuous AC Passthrough (A) **50**
 Output Frequency and Voltage **50/60Hz; 230/400Vac (Three phase)**
 Grid Type **Three Phase**
 Current Harmonic Distortion **THD<3% (Linear load<1.5%)**

BATTERY INPUT DATA

Battery Type **Lead-acid or Li-Ion**
 Battery Voltage Range (V) **40~60**
 Max. Charging Current (A) **190**
 Max. Discharging Current (A) **190**
 Charging Curve **3 Stages / Equalization**
 External Temperature Sensor **Yes**
 Charging Strategy for Li-Ion Battery **Self-adaption to BMS**

PROTECTION

Integrated **Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection**
 Surge Protection **DC Type II / AC Type II**

CERTIFICATIONS AND STANDARDS

Grid Regulation **IEC61727, IEC62116, IEC60068, IEC61683, NRS 097-2-1**
 Safety EMC / Standard **IEC62109-1/-2, IEC61000-6-1, IEC61000-6-3, IEC61000-3-11, IEC61000-3-12**