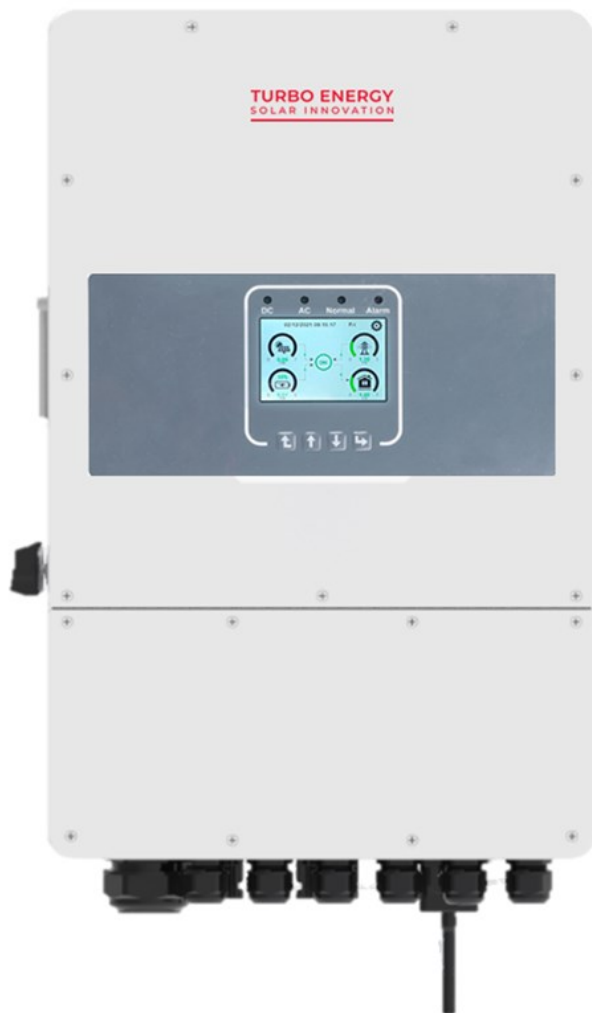


Technical data

Three phase Hybrid Series 48V 10.0



HYBRID INVERTER WITH BACK-UP MODE



MAXIMUM CUSTOMER SATISFACTION



Three phase Hybrid Series 48V 10.0

Technical Data

Model

THREE PHASE HYBRID SERIES 48V 10.0

Battery input data

Battery type	Acid-Lead or Li-Ion
Battery voltage range (V)	40V-60V
I _{max} charge (A)	210A
I _{max} discharge (A)	210A
Chargin curve	3 steps/equalization
External temperature sensor	Optional
Charging Strategy for Li-Ion Battery	Self-adapting to BMS

DC input data

P _{max} DC (W)	13000W
Input range PV (V)	550V (160V-800V)
MPPT range (V)	200V - 650V
Startup voltage (V)	160V
PV input current (A)	26A + 13A
No. MPPTs trackers	2
Strings per MPPT	2 + 1

AC output data

Nominal Power (W)	10000W
Max. Power (W)	11000W
Peak Power (Offgrid)	Twice the Nominal Power, 10S
Nominal AC output current (A)	14.5A
Max. AC output current (A)	16A
Max. output current of each phase (A)	21.7A
Max. output current of Gen Port (A)	32 A
Max. continuous AC passthrough (A)	50A
Output frequency and voltage	50/60Hz; 230/400Vac (three phase)
Grid type	Three phase
Harmonic distortion	THD<3% (linear load < 1.5%)

Efficiency

Max. efficiency	97.60%
Euro efficiency	97.00%
MPPT efficiency	99.90%

General data

Weight (kg)	36.8 kg
Size (mm)	658 x 422 x 281 mm
Protection degree	IP65
Cooling	Smart cooling
Warranty	5 years

CAUTION: READ THE INSTRUCTION AND INSTALLATION MANUAL BEFORE USING THE PRODUCT.

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