



Powercase Three Phase Hybrid All-In-One

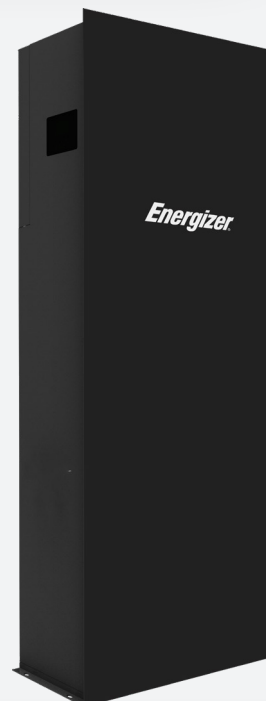
5.0 - 10.0kWh

EUROPEAN VERSION 

The Energizer® Powercase Three Phase is a high-performance, high-efficiency all-in one system with up to 10.4kWh of storage capacity and up to 10kW rate of continuous charge/discharge.

High Performance Three-Phase Storage

- 97.8% max. efficiency
- High charging/discharging efficiency
- Plug and play installation with built-in fuse protections
- EPS function for off-grid and emergency power
- Expandable storage capacity
- Optional export control
- All-In-One design
- RS485, WiFi/LAN/GPRS (optional)
- Enhanced safety features
- Wide voltage range / low start-up voltage
- Android & iPhone apps available



✉ hello@energizersolar.com  energizersolar.com



Easy Installation



High Performance



IP65 Rated



Remote Monitoring

MODEL INPUT	PC5.0HT	PC6.0HT	PC8.0HT	PC10.0HT
PV INPUT				
Max. Input Power [W]	A: 3000 B:3000	A: 4000 B:4000	A: 6000 B:4000	A: 8000 B:5000
Max. Input Voltage [V]		1000		
Start-up Input Voltage [V]		180		
Rated Input Voltage [V]		720		
MPPT Operating Voltage Range [V]		180-950		
Max. Input Current [A]	14/14	14/14	26/14	26/14
Max. Short-circuit Current [A]	16/16	16/16	32/16	32/16
No. of Independent MPP Trackers		2		
No. of Strings Per MPP Tracker	1/1	1/1	2/1	2/1
BATTERY CONNECTION				
Battery Type		Lithium Battery (LFP)		
Battery Voltage [V]		180-234		
Max. Charge/Discharge Current [A]		26.0		
Communication Interface		CAN (Communicate with Inverter), RS485 (Upgrade BMS)		
AC INPUT AND OUTPUT (GRID)				
Max. AC Input Power [VA]	10000	12000	16000	16000
Max. AC Input Current (per phase)[A]	15.2	18.2	24.2	24.2
Rated Output Power [W]	5000	6000	8000	10000
Max. Output Apparent Power [VA]	5500	6600	8800	11000
Rated Output Current (per phase)[A]	7.2	8.7	11.6	14.5
Max. Output Current [A]	8.8	10.6	14.1	17.6
Rated Grid Voltage [V]		3L/N/PE 380/220; 400/230; 415/240		
Rated Grid Frequency [Hz]		50/60		
Power Factor		1 (adjustable from 0.8 leading to 0.8 lagging)		
THDi		<3% @rated power		
EPS OUTPUT				
Max. Output Apparent Power [VA]	5000	6000	8000	10000
Peak Output Apparent Power [60s][VA]	8000	8000	12000	12000
Max. Current (per phase)[A]	7.2	8.7	11.6	14.5
Rated Output Voltage [V]		3L/N/PE 400/230		
Rated Output Frequency [Hz]		50/60		
Power Factor		1 (adjustable from 0.8 leading to 0.8 lagging)		
THDi (linear load)		<3% @rated power		
SwitchTime [ms]		<1.5 (with EPS bpx)		
EFFICIENCY				
Euro Efficiency		97.00%		
Max. Efficiency		97.80%		
Max. Battery Charge Efficiency (PV to BAT)(@full load)		98.50%		
Max. Battery Discharge Efficiency (PV to BAT)(@full load)		97.00%		
PROTECTION				
Insulation Monitoring		YES		
Residual Current Monitoring		YES		
DC Reverse Polarity Protection		YES		
Anti-islanding Protection		YES		
AC Short-circuit Protection		YES		
AC Overcurrent/Overvoltage Protection		YES		
DC Switch		YES		
SFD		DC: Type II / AC: Type III		
STANDARD				
Safety		EN 62109-1, EN 62109-2, EN 62477-1		
EMC		IEC 61000-6-2, IEC 61000-6-3		
Certification		EN50549-1, C10/11, VDE-AR-N 4105, G98, G99, CEI 0-2 1		
PROTECTION				
Dimensions (WxHxD)[mm]		630*1662*389		
Weight [kg]		97 (except batteries)		
Installation		Floor Mounted		
Topology		Transformerless		
Cooling Method		Natural		
Noise Emission [dB]		35		
Max. Operating Altitude [m]		2000		
Operating Temperature Range [°C]		-25 to 60		
Humidity [No Condensation]		0% to 100%		
Protection Degree		IP65		
Standby Consumption [W]		<15		
Monitoring Module		Wi-Fi, LAN, 4G, GPRS (optional)		
Communication		2*RS485, DRM, Ripple Control, USB		
Display		LCD, App, Website		
Warranty		10 Years		