

BEZVOLT HYBRID INVERTER

Smart • Efficient • Reliable



Hybrid Inverter

Dukungan PLTS, PLN,
dan Baterai



Efisiensi Tinggi

Konversi daya optimal,
hemat energi



Layar LCD Cerdas

Monitoring real-time
mudah dan akurat



Aman & Terlindungi

Multi-proteksi untuk sistem
yang lebih aman



Kompatibel Baterai

Mendukung berbagai jenis
baterai Lithium



DATASHEET

BEZVOLT HYBRID INVERTER 6kW SINGLE PHASE | LOW VOLTAGE

SPEKIFIKASI TEKNIS

MODEL: BZ-HY-6K

OUTPUT (AC)

Rated Output Power	6000W
Max. Output Current	27,2A
Rated Output Voltage	220/230/240V
Rated Frequency	50/60Hz

INPUT (PV)

Max. Input Power	9000Wp
Max. Input Voltage	500Vdc
MPPT Voltage Range	80-500Vdc
Number of MPPT	2
Max. Input Current per MPPT	13,5A
Short Circuit Current	22A per MPPT

INPUT (GRID/AC)

Rated Input Voltage	220/230/240V
Rated Input Frequency	50/60Hz
Max. Input Current	27,2A
Grid Voltage Range	184-276Vac

BATTERY

Battery Voltage	51,2Vdc
Battery Type	Lithium-ion / Lead-acid / Gel / AGM
Max. Charging Current	120A
Max. Discharging Current	120A
Charging Voltage Range	42-58Vdc

EFFICIENCY

Max. Efficiency	97,6%
European Efficiency	97,2%
Max. Battery Charging Efficiency	97,1%
Max. Battery Discharging Efficiency	97,2%

GENERAL

Transfer Time	<10ms (On-grid to Off-grid)
Parallel Function	Support up to 6 units (Off-grid)
Cooling	Smart Fan Cooling
Display	LCD Touch Screen
Communication	RS485 / CAN / WiFi (Optional)
Ingress Protection	IP65
Operating Temperature	-25°C ~ +60°C
Humidity	0-95% (Non-condensing)
Max. Operating Altitude	4000m
Noise	<45dB
Dimensi (W x H x D)	325 x 480 x 138,5 mm
Berat	21 kg

PROTEKSI

PV Over Voltage, PV Insulation Resistance, PV Over Current, PV Reverse Polarity, Anti-islanding Protection, Residual Current Monitoring, Over Temperature, Over Current, Overload, Short Circuit, Battery Reverse Polarity, Low Battery, Over Voltage

SERTIFIKASI

CE-LVD, CE-EMC, IEC 62109-1, IEC 62109-2, IEC 62109-2, IEC 62477-1, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 50549



KUALITAS
TERJAMIN



INSTALASI
MUDAH



LAYANAN
PROFESIONAL



HEMAT BIAYA

Gunakan energi matahari
dan simpan untuk nanti



BACKUP SAAT LISTRIK PADAM

Rumah tetap nyala saat
PLN padam



MONITORING REAL-TIME

Pantau sistem dari
mana saja



RAMAH LINGKUNGAN

Kurangi emisi,
selamatkan masa depan

SOLUSI ENERGI LENGKAP UNTUK RUMAH & BISNIS ANDA