

Z6 SERIES

15000W
BUILT-IN DUAL MPPT

12 KW

Z6 EUROPEAN - PV 15000
ON GRID WITH ENERGY STORAGE HYBRID



KEY SALIENT FEATURES



- ✓ Introducing 1st time in Pakistan, single phase Inverters support three phase when installed in parallel
- ✓ 100% Pure Sine wave Inverter
- ✓ Touch LCD Button module with various communications
- ✓ PV and utility power the load at the same time can be set
- ✓ Energy generated record, load record history information and fault record
- ✓ Parallel operation up to 6 units
- ✓ Built-in two 15000W MPPTS, with wide input range: 90-450VDC
- ✓ Reserved communication port for BMS (RS485, CAN-BUS or RS323)
- ✓ Upgraded 6th generation smart and intelligent solar inverter
- ✓ Zero transfer time
- ✓ Battery Equalization/Compatible with Li-ion, LifePo4 and etc)
- ✓ Conformal Coating to Prevent from Dust and Humidity
- ✓ Output power factor PF-1.0
- ✓ Dual outputs, for smart load management
- ✓ PV input current increase to 27*2A
- ✓ Compatible to utility main or generator units
- ✓ Replaceable fan design for ease of maintenance
- ✓ Support Peak-Valley Charge
- ✓ Efficiently Work with & with out battery
- ✓ Optional Wi-Fi interface with Android & IOS
- ✓ Supports USB On-the-Go Function
- ✓ Battery independent design
- ✓ Selectable high power charging current
- ✓ Overload and Short Circuit Protection
- ✓ Status indication with RGB lights
- ✓ Built in zero export
- ✓ 100% reverse grid feeding
- ✓ Built-in local Wi-Fi (10 Meter Range)
- ✓ European Design and Engineered in Taiwan



1st TIME IN PAKISTAN
6th GENERATION SOLAR HYBRID
INVERTER WITH EUROPEAN DESIGN

MODEL

Z6 - 6G EUROPEAN PV15000 | 12 KW

BASIC INFORMATION

Max. PV Input Power	15000W
Rated AC Output Power	12000W

Grid Tie Operation

INPUT

Voltage	230VAC
Selectable Voltage Range	170-280VAC (For Personal Computers) 90-280VAC (For Home Appliances)
Frequency Range	50Hz/60Hz (Auto Sensing)

OUTPUT

AC Voltage Regulation (Battery Mode)	230VAC-1-5%
Surge Power	22000 VA
Efficiency (Peak)	93%
Transfer Time	10ms (For personal Computers), 20ms (For Home Appliances)
Waveform	Pure Sine Wave
DC Voltage	N/A

BATTERY

Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge Protection	63VDC

SOLAR CHARGER & AC CHARGER

Solar Charge Type	MPPT
Max PV Array Power	15000W (7500W x 2)
MPP Range @operating Voltage	90 — 450VDC
Max FV Arrange Open Circuit Voltage	500VDC
Mcadmum IN Input Current	27A x 2 (Max 40A)
Max Solar Charge Current	150A
Max AC Charge Current	150A
Max Charge Current	150A

PHYSICAL

Dimension D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB / RS232 / RS485 / Wi-Fi / Dry-Contact

OPERATING ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non-Condensing)
Operating Temperature	-10 to 50 Degree Centigrade
Storage Temperature	-15 to 60 Degree Centigrade

STANDARD

Compliance Safety	CE
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Note: Product specifications are subject to change without further notice



WI-FI
FUNCTION



STATUS
INDICATION



POWER
FACTOR 1.0



REVERSE
GRID FEEDING



BUILT-IN
MPPT



DUAL PV
INPUT CURRENT



BATTERY
OPTIONAL



SMART LOAD
MANAGEMENT



ON-OFF
GRID



TOUCH BUTTON
SCREEN



PARALLEL UP
TO 6 UNITS