



EU VOLTAGE

Hybrid solar system

Three-phase 5kW hybrid solar system with weatherproof panels, intelligent inverter, battery backup, easy to install, eligible for government grants.

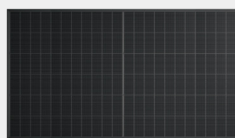
MT-5KW-HY

HYBRID

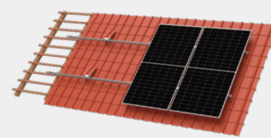
Solar System Kit



WOODEN BOX



solar panel



Mounting Bracket



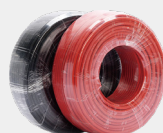
solar inverter



Lithium Battery



Wifi Monitor



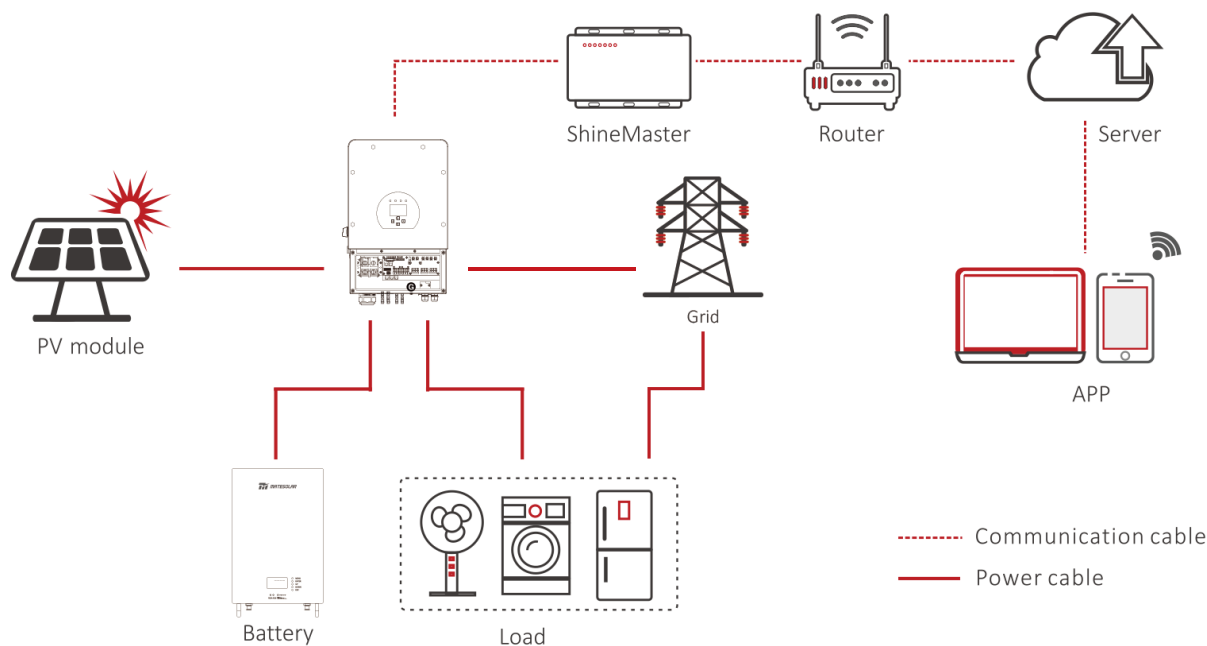
PV Cable



MC4 Connector



AC/DC Switch(Optional)

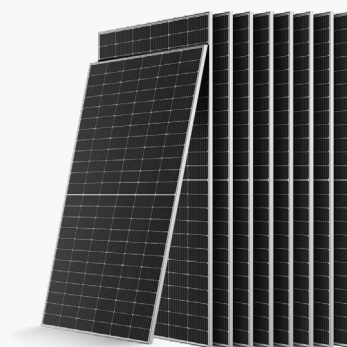


PV Modules

Parameter

Testing Condition	STC
Maximum Power(Pmax/W)	580W
Open Circuit Voltage(Voc/V)	51.79
Short Circuit Current(Isc/A)	14.29
Voltage at Maximum Power(Vmp/V)	42.71
Current at Maximum Power(Imp/A)	13.58
Module Efficiency(%)	22.44

Positive power tolerance (0~+5W) guaranteed; Reduced resistive loss with lower operating current; Higher energy yield with lower operating current; Reduced hot spot risk with optimized electrical design, lower operating current



580W

TOPCon Bifacial Dual Glass Solar Panel

Lithium Battery

Parameter

Nominal Capacity	200Ah
Nominal Voltage	48V
Max.Charging Current	100A
Max.Discharging Current	100A

High Specific Energy; Support Parallel Operation; Easy Installation; Long Cycle Life



48V 200Ah

Rack-Mounted
LiFePO4 Battery

Inverter

Parameter

AC Output Data

Rated Output Power	5000W
Rated Output Voltage/Frequency	230Vac single phase, 50Hz/60Hz

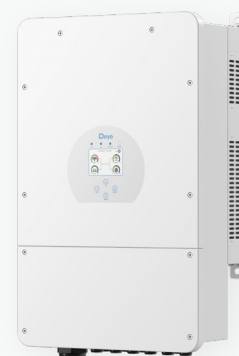
Battery Input Data

Battery Type	Lead-acid or Lithium-ion
Battery Voltage Range(V)	40-60

PV String Input Data

No.of MPP Trackers	2
No.of Strings per MPp Tracker	1+1
MPPT Voltage Range(V)	125-425

Colorful touch LCD, IP65 protection degree; AC couple to retrofit existing solar system; 6 time periods for battery charging/discharging; Support storing energy from diesel generator



Deye 5KW Inverter

