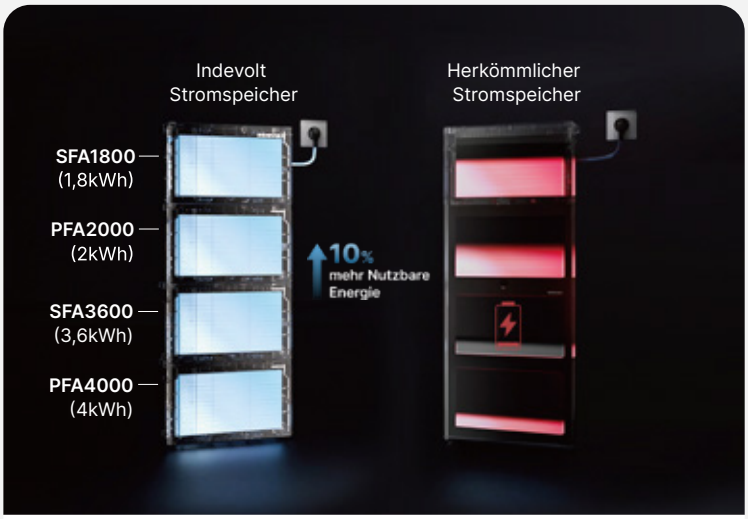
INDEVOLT



INDEVOLT PowerFlex 3000

All-in-One Plug-in Home Battery



BatteryFlex Technology

Each battery pack operates independently without interference, maximizing performance. It supports flexible combination of batteries with different capacities, effectively increasing available capacity and extending battery life.



High-Capacity Battery Technology

The system adopts a 6.4V absolute safety voltage architecture, which is safer, more durable and slimmer than traditional 48V battery systems.



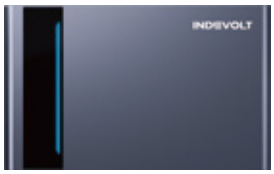
100% AC Coupled

No retrofitting of your existing PV system needed. The smart meter monitors power usage in real time, automatically stores surplus energy, and covers your nighttime electricity needs.



Open Ecosystem

Via open API interfaces, it is compatible with mainstream electricity meters and PV systems on the market, and can be quickly connected to smart home platforms to build a complete energy ecosystem for you.



Brand	Indevolt
Product Name	PowerFlex 3000 Hybrid
Battery	
Battery type	$LiFePO_4$
Rated capacity (Wh)	2016 Wh
Maximum expansion	5
Cycle life [70%EoL]	10000
Battery voltage [V]	6,4V
Maximum charging current [A]	157A
PV input	
Input power [Wp]	3000W(each 750w)
Input voltage (MAX)	60V DC
Input current (MAX)	22A
MPPT voltage range	16-60V DC
MPPT quantity	4
AC-Parameter	
Max. AC continuous output power (on-grid)	3000W(with exp battery*)
Max. AC continuous output current (on-grid)	13A AC
Max. AC continuous output power (off-grid)	3000W(with exp battery*)
Max. AC continuous output current (off-grid)	13A AC
Max. AC ontinuous input power	3000W(with exp battery*)
Max. AC continuous input current	13A AC
EPS	<10ms
General information	
Communication method	(2,4/5 GHz) WiFi / Bluetooth / LoRa / LAN / RS485
Weight [kg]	22 kg
Dimension [mm]	425×195×260 mm
Discharging temperature	-20°C~55°C
Charging temperature	0°C~55°C
Self-Heating temperature	-20°C~0°C
IP Level	IP65
Noise (dB)	<20db
Number of parallel systems	3
Warranty [year]	10 Years

Characteristics	
Plug & Play	√
Zero Export Control	√
Bi-directional Inverter	√
Waterproof Design	√
Low-Temperature Heating	√
Cluster Expansion	√
AI Mode	√
Self-Consumption Mode	√
Peak Shaving Mode	√
TOU Mode	√
AC Coupling	√
Battery Optimizer Technology	√
Home Assistant Compatible (Open API)	√
LoRa + Wi-Fi Dual Communication	√
Third-party compatibility	Shelly Pro 3EM 3CT 63 Shelly 3EM Shelly Pro 3EM(400) Shelly Plug Shelly Plug S Gen3 everHome EcoTracker IR Solarman Meter Solarman IR Reader Stromleser.one Homewizard-P1
Third-Party Inverter Brands	Deye Fusion Solar GOODWE GROWATT SolarEdge SolaX VaySunic Solis Sungrow Solplanet Enphase
Description	*Rated power is based on PowerFlex 3000 equipped with at least two PFA extended batteries. If PowerFlex 3000 is used alone, the rated power will drop to 1200W.