

The DYNAMICO ENERPACK unit is a battery system designed for use in industrial properties. Its rechargeable lithium battery pack allows for the storage of energy for direct consumption from solar power, a generator, or the grid itself.

Featuring a dynamic design, it offers maximum energy flexibility in the market, facilitating installation and enabling users to immediately benefit from energy wherever and however they desire. DYNAMICO srl also offers the unit in various color options.

Its powerful electronics and the extensive flexibility of the power panel enable autonomous management of loads up to 50kW in three-phase or three single-phase loads of 17kW each.

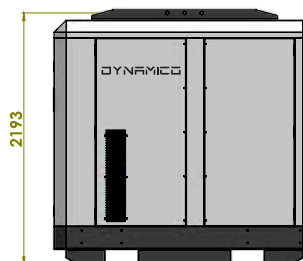
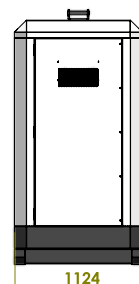
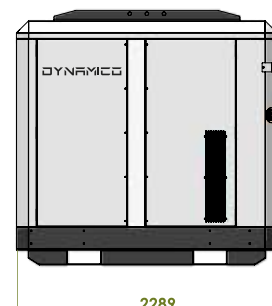
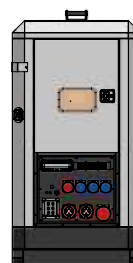
DYNAMICO's Active Filter feature allows for energy cost savings based on actual consumption without any loss of efficiency.



DYNAMICO DY-50 -130 ENERPACK

400/230V - THREE-PHASE / 50Hz

GENERAL TECHNICAL DATA	Units	DY-50 -130 ENERPACK
Rated Voltage	VAC	400
Frequency	Hz	50
Nominal Energy Storage	kWh	130
Continuous load Triphase	kW	50
Continuous load Monophase	kW	3 x 17
Communication technology		CAN bus
Protection degree		IP44
Phases		3 PHASE
Phases		3 x MONOPHASE
BATTERY		
Battery Voltage	V	400
Brand		Archimede ENERGIA
Manufacturing country		ITALY
Quantity	units	7
Lithium cell chemistry		LiNMC
Discharged current		0,5 C
DOD % (depth of discharge @25°C ±2)		80%
Working life cycle (80% DoD)		> 6000
INVERTER		
Quantity	units	1
Continuous output power	kW	50
Operation Temperatures	°C	-20 to +45*
Operation Temperatures (Best Condition)	°C	0° to +30°
Manufacturing country		ITALY
CONTROL		
Energy Management system		Digital
Battery management system (BMS)		Hermes M3
Brand		Parker
Manufacturing country		UK/USA
DIMENSIONS AND WEIGHT		
Dimensions (L x W x H)	mm	2294x1134x2193
Weight	kg	2520



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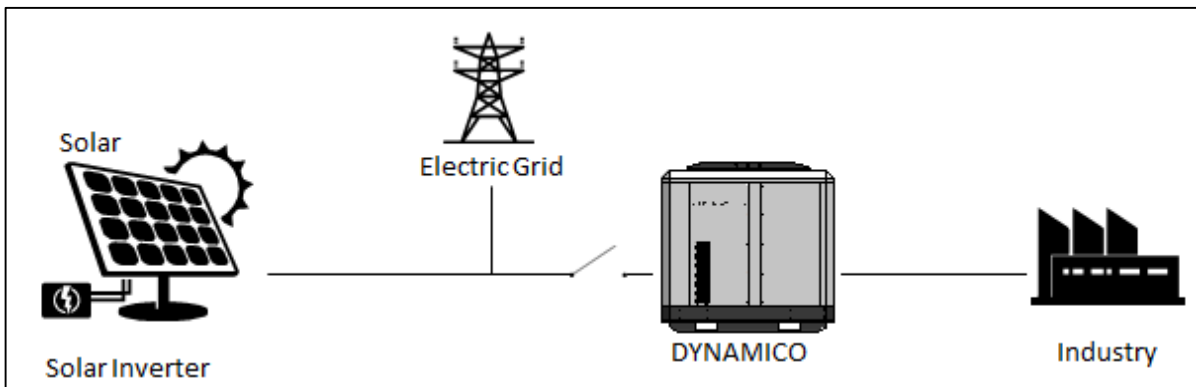
400/230V - THREE-PHASE / 50Hz

COMPATIBILITY & CERTIFICATION

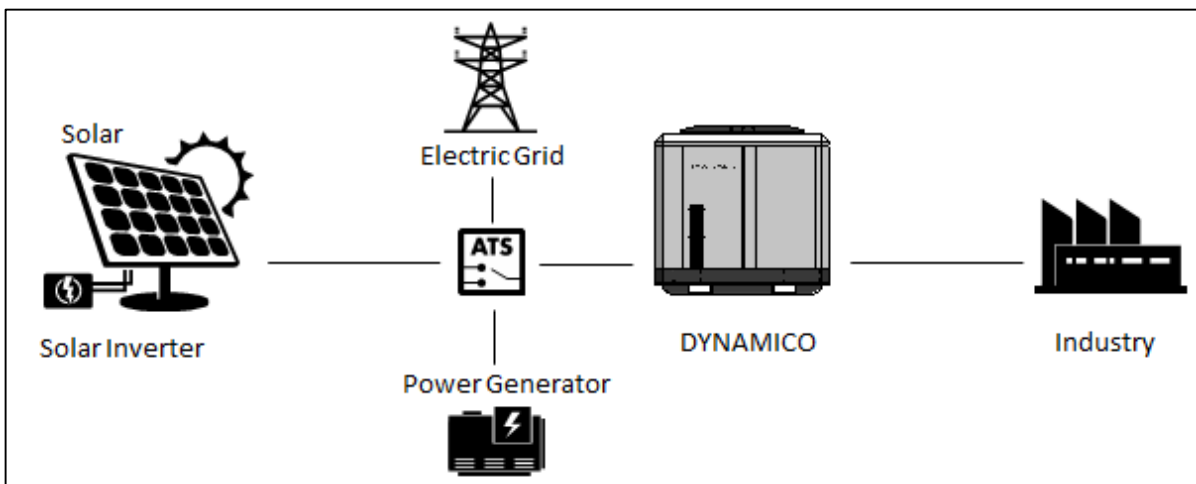
Emissions		IEC 61000-6-1
		IEC 61000-6-3
Ambient & Environment		RoHS Directive
		2011/65/EU
Certification		CE - CEI 021
OPTIONS		
INLET Powerlocks		1 row on request
ATS switch		on request
Sockets		on request
Air Conditioner		-
Fire Extinguisher		-
Solar Battery Charger		on request
Air filtration panels		on request
Recharger for electric cars		on request
Photovoltaic interface		on request



CONFIGURATION 1) → UPS - Uninterruptible Power Supply & ACTIVE FILTER

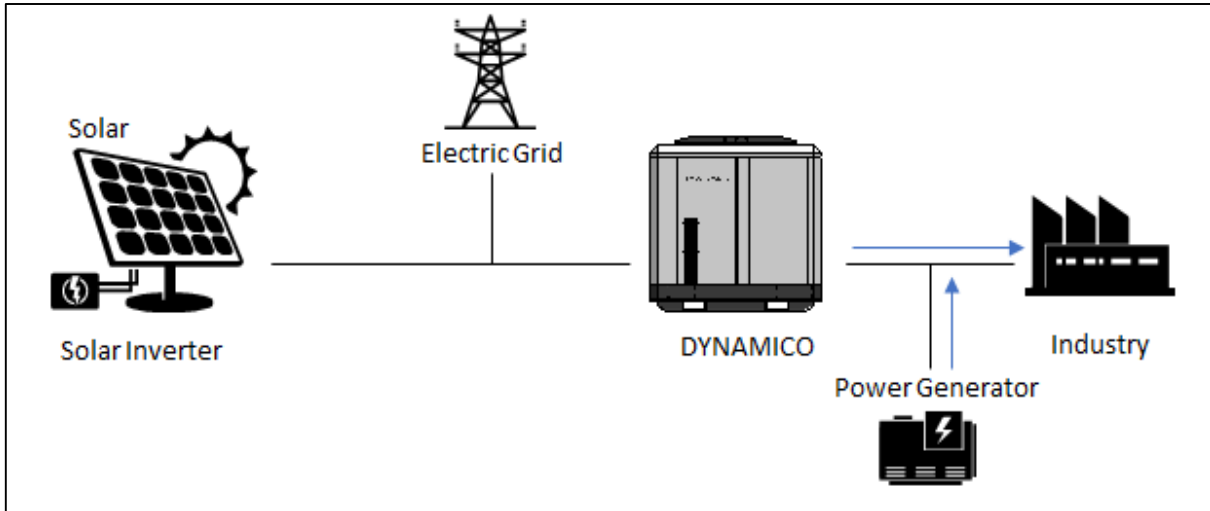


CONFIGURATION 2) → BESS - Battery Energy System Storage & UPS & ACTIVE FILTER



CONFIGURATION 3)

→ PEAK POWER



CONFIGURATION 4)

→ PARALLEL of 2 DYNAMICICO BESS - Battery Energy System Storage & UPS & ACTIVE FILTER

