

THE SMART ENERGY STORAGE SYSTEM

WITH POWERTRONIX BATTERY AND INTEGRATED INVERTER/CHARGER



EP80/100 64kw load 112 kwh Storage

150 kw overload capacity (300 seconds)

ZERO EMISSION 



ENERPACK SERIES



Protected outlet panel



EV charging optional



Charging station input optional

**“OVER 29 HOURS OF QUIET
RUNTIME WITH LESS THAN
2 HOUR RECHARGE”**

- * 3kw load | Cell tower | Jobsite trailer | Submersible pump| Small crane, etc.
- * Using 65 kw generator

POWER SOURCES



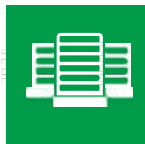
PHOTOVOLTAIC



WIND ENERGY



POWER GENERATORS



UPS

APPLICATIONS

For example purposes only



CONSTRUCTION



DISASTER RELIEF



EVENTS



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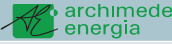
ENERMAX SERIES

ENERPACK BESS 80/100T US N

THREE PHASE / 60 Hz

GENERAL TECHNICAL DATA	Units	EP 80 / 100T US N
Three phase Voltage	VAC	208
Single phase Voltage	VAC	120
Frequency	Hz	60
Nominal Energy Storage	kWh	112
Continuous load at power factor = 0.8	kW	64
Overload (300 seconds) ¹	kW	150
Communication technology		CAN bus
Sound Power Level	dB(A)	< 55 dB(A)@23ft
Protection degree		IP44
Phases		3 PHASE
Operation Temperature	°F	-4 °F to +113 °F ²

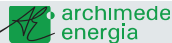
BATTERY

Brand		
Quantity	units	6
Battery Voltage	VDC	388.8
Operating Voltage	VDC	777.6
Lithium cell chemistry		LiNMC
Discharge current		2 C
DOD % (depth of discharge @25°C ±3)		0.8
Cycle Life ³		> 6000
Manufacturing Country		ITALY

INVERTER

Brand		
Quantity	units	1
Continuous load at power factor = 0.8	kVA	80
Nominal Power	kW	64
Accepted peak load @ 400V (300 sec)	kW	150 (2.34 Pn)
Manufacturing Country		ITALY

CONTROL

Energy Management system (EMS)		ComAp
Battery management system (BMS)		Hermes M3
Brand		
Manufacturing country		ITALY

DIMENSIONS AND WEIGHT

Dimensions (L x W x H) ⁴	in	110.8x44.8x75.6
Weight ⁴	lb	7716

OPTIONS

Air Conditioning System		on request
Fire Extinguishing System		-
Solar Battery Charger		on request
Air filtration panels		on request
EV Charger DC CCS1		on request
EV Charger AC Type1		on request



ZERO EMISSION

PERFORMANCES

EXAMPLE PERFORMANCE IN BATTERY MODE WITH CONSTANT LOAD

Load 3kW	time	29h : 28 min
Load 5kW	time	18h : 05 min
Load 10kW	time	9h : 32 min
Load 30kW	time	3h : 51 min
Recharging time (@80% DoD) @65kW	time	2h : 00 min

150 KW OVERLOAD CAPACITY (300 SECONDS)

¹ for temperatures > 45 ° C/113 F customized equipment is available as option

Technical data not binding