

AGG ENERGY PACK



PLUG&PLAY



LOAD SHARING



LOW LOAD



RENEWABLES INTEGRATION



PEAK SAVING

GENERAL TECHNICAL DATA

EP30

Nominal rated power	KW	30
Nominal energy storage capacity	KWh	30
Rated voltage (50Hz)	VAC	400/230
Maximum power input	A	100
Maximum passthrough	A	100
Operating temperature	°C	-15 to 50
Protection	Overload, Overheat, Short Circuit	

BATTERIES

Quantity	Un	120
Type		LFP
Battery system voltage	VDC	384(340-410)
DoD % (depth of discharge)		80%
Energy density	Wh/kg	166
Overcurrent capability		2C
Lifetime (80% DoD)	Cycles	4000
Battery management system	LFP batteries with built-in BMS	

INVERTER

Quantity	Un	1
Total nominal power	KW	30KW

RECHARGING TIME

Recharging time	h	1
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PERFORMANCE

Recommended generator size	KVA	50
Max outlet hybrid system	A	101

RENEWABLE ENERGY

MPPT		30
Protections	Starting voltage >300V, voltage Ucpv>500V	
Max. PV voltage		<500V
Connectors		MC4

DIMENSIONS AND WEIGHT

Dimensions (L x W x H)	mm	2100*1125*1855
Weight	kg	1310 <small>(Weight in kind prevail)</small>

CONTROL PANEL

Model	DES-M871-EMS
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OUTPUT SOCKETS

CE 5Px32A 400v 3ph	1
CE 5Px63A 400v 3ph	1
CE 3Px16A 230v 1ph	3

ABOUT AGG POWER

AGG is a multinational company focused on the design, manufacture and distribution of power generation systems and advanced energy solutions. AGG's products include diesel and alternative fuel powered electrical generator sets, natural gas generator sets, DC generator sets, light towers, electrical paralleling equipment and controls.

With the vision of "building a distinguished enterprise, powering a better world", AGG will continue to innovate and power the success of its customers, employees and business partners.



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