

POLYMA „triple hybrid“
mobile power genset 100kVA / 30kWh / 1,7 kWp



rated power	100 kVA / 80 kW 400 V / 145 amp / 50 Hz	storage: 30 kWh
engine / battery pack	lpg gas engine 90 kW	lithium iron phosphat battery deep discharge protection loading time: 1.5h at 16amp (up to 85%)
fuel tank	500l plastic gas tank -> 16h operating time	
solar system	1,7kWp mounted on the roof	
canopy	Double insulated sound proof canopy < 50 dB(A) with ambient lightning Storage area behind the first canopy, cable drum system in the rear area	
ambient lightning	6x 100W LED-power-lightning (70.000 lumen), dimmable 5x 13W LED-near field lightning	
chassis	Self driving vehicle 7,2t (Iveco Daily) Controlboard in the rear, cable execution through floor; lockable during operation	
control	12' touch-display for operating system (loading, consumption, failure control,...) Island-operation	
sockets	2x 16amp, 2p, 230V , 1x 16amp, 3p, 230V, 1x 16amp, 5p, 400V , 2x 32amp, 5p, 400V, 2x 63amp, 5p, 400V Single RCD type B (AC/DC sensitive) and circuit breaker Single phase system 5x ID/S10BV for full load	
loading	16amp, 5p, 400V plug, max. 30kW type 2 charging socket	
additional	Cable drum system with 24V DC gear motor -> 4x 25m power cable (70mm ² NSSHÖU, KBT10BV <-> KST10BV) Earth rod with 10m cable	
size	l x w x h: 7.000 x 2.350 x 3.000 mm, 6.950kg; max. weight allowed: 7.200kg	

Our general terms and conditions apply, see www.polyma.net.

STAY ELECTRIFIED WITHOUT GRID.

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