

ARI 51

Armário Rack + Inversor

51,2V / 22 - 38,6 KW



ARI51C



ARI51

DOMESTIC SOLAR KIT		ARI51-022,0	ARI51-024,8	ARI51-027,6	ARI51-030,4	ARI51-033,1	ARI51-035,8	ARI51-038,6	
PANELS SOLAR	N° panels310W (units.)	20 (PANELS IN SERIES)			24 (PANELS IN SERIES - 2 IN PARALLEL)				
	Total powerpanels (W)	6.200 w			7.440 w				
	Minimum generation day 4 hours sun(W)	24.800 w			29.760 w				
	Maximum generation day 6 hours sun(W)	37.200 w			44.640 w				
STORAGE ENERGY	Lithium battery voltage (Vdc)	51,2 V							
	Rack 19 " lithium battery (Ah)	RLPN 51054A							
	No. of lithium batteries (uds)	8	9	10	11	12	13	14	
	Energy stored in batteries(Wh)	22.080 w	24.840 w	27.600 w	30.360 w	33.120 w	35.880 w	38.640 w	
INVERTOR / CONTROLLER	Inverter + charge controller (uds)	INRC 48 - 8.000 Voltronic							
	Maximum inverter power (KW pico)	16 KW							
	Nominal inverter power (Kw)	8 KW							
	Output voltage (Vac)	184 - 265 Vac x phase 1							
	Inverter regulator charge current (ADC)	60 - 200 (adjustable)							
	Inverter input current (AAC)	120 A							
DIMENSIONS AND WEIGHT	Rack cabinet dimensions (width xlength xheight) (mm)	1x ARM 6827 (600 x 800 x 1387)			2x ARM 6818 (600 x 800 x 987)			2x ARM 6822 (600 x 800 x 1.164)	
	KIT weight without solar panels (Kg)	345 Kg	378 Kg	459 Kg	490 Kg	520 Kg	550 Kg	592 Kg	

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Armário Rack + Inversor

51,2V / 41 - 105 KW EM ARMAZENAMENTO



InfiniSolar 3-phase 15KW

DOMESTIC SOLAR KIT		ARI51-041	ARI51-050	ARI51-060	ARI51-071	ARI51-082	ARI51-093	ARI51-105
PANELS SOLAR	N° panels310W (units.)	40 (20 PANELS IN SERIES - 2 IN PARALLEL)			72			
	Total powerpanels (W)	12.400 w			22.320 w			
	Minimum generation day 4 hours sun(W)	49.600 w			89.280 w			
	Maximum generation day 6 hours sun(W)	74.400 w			133.900 w			
STORAGE ENERGY	Lithium batteryvoltage (Vdc)	51,2 V						
	Rack 19" lithium battery (Ah)	RLPN 51054A						
	Lithium battery cabinet	AR51-041	AR51-050	AR51-060	2 x AR51-036	2 x AR51-041	2 x AR51-047	2 x AR51-052
	Energy stored in batteries(Wh)	41.461 w	49.753 w	60.804w	71.866 w	82.922 w	93.978 w	105.034 w
INVERTOR / CONTROLLER	Inverter + charge controller (uds)	1 x InfiniSolar -3 phase10 Kw			1 x InfiniSolar -3 phase 15 Kw			
	Maximum inverter power (KW pico)	14,8 KW			22,5 KW			
	Nominal inverter power (Kw)	10 KW			15 KW			
	Output voltage (Vac)	184 - 265 Vac x phase 1			84 - 264 p/ phase			
	Inverter regulator charge current (ADC)	60 - 200 (adjustable)			60 - 300 (adjustable)			
	Inverter input current (AAC) off grid	40 A			40 A			
DIMENSIONS AND WEIGHT	Rack cabinet dimensions (width xlength xheight) (mm)	2x ARM 6822		3x ARM 6822	4x ARM 6822		6x ARM 6822	
	KIT weight without solar panels (Kg)	624 Kg	647 Kg	900 Kg	1.062 Kg	1.200 Kg	1.330 Kg	1.340 Kg