

Eco-Design-Regulation EU 2016/2281

Requirements for the documentation
(Appendix 2 / Chapter 5 / Table 15)

Product data			
Unit			xtend.k/t 600 A
Type of liquefaction			L
Refrigerant/GWP			R290/3
	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	6.01	---
Annual energy consumption	Q	50.019	kWh/a
Reduction factor C_{dc} of chillers	C_{dc}	---	---
Power regulation	---	variabel	---
Parameter at full load and reference temperature at assessment point A			
Rated refrigeration capacity	P_A	40.60	kW
Rated power consumption	D_A	15.60	kW
Energy efficiency ratio	$EER_{DC,A}$	2.60	---
Parameter at assessment point B			
Declared cooling capacity	P_B	37.89	kW
Declared power consumption	D_B	9.67	kW
Declared energy efficiency ratio	$EER_{DC,B}$	3.92	---
Parameter at assessment point C			
Declared cooling capacity	P_C	35.18	kW
Declared power consumption	D_C	5.97	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5.90	---
Parameter at assessment point D			
Declared cooling capacity	P_D	32.48	kW
Declared power consumption	D_D	4.33	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7.50	---