

TECHNICAL SPECIFICATIONS

LMH180N

LMH350N

LMH520N

LMH180N
PLUS

LMH350N
PLUS

LMH520N
PLUS

LMH700N
PLUS

LMH1000N
PLUS

LMH1200N
PLUS

■ GENERAL DATA

Electrolytic cell	Long life Multilayer PEM technology								
Drying system	Desiccant column			PSA (Pressure Swing Adsorption)					
H2 purity	>99.9999% *			>99.99999% *					
Outlet pressure (bar)	10 (145 psi)			12 bar (174 psi) / 16 bar (232 psi) (optional)					
Max flow rate (cc/min)	180	350	520	180	350	520	700	1000	1200
Dimensions - W x D x H (cm)	40.5 x 60.5 x 46								
Net weight - water tank empty (Kg)	29 kg		31 kg	30 kg		32 kg		34 kg	36 kg

■ SOFTWARE FUNCTIONS

Parallel mode	Ready on Board								
Auto-refill	Included								
Fill canister	Included								

■ WATER

Quality	Deionized, ASTM II, <0,1uS								
Internal tank capacity (L)	3								
External tank capacity (L)	5 or 10								

■ ELETRICAL REQUIREMENTS

Power supply voltage	100-240VAC (±10%) 50/60 Hz								
Max power consumption (W)	320		640	320		640			
Fuse rating (A)	4		6.3	4		6.3			

■ CONNECTIONS

Hydrogen outlet	1/8" Compression Fitting								
Water	Quick release push-in fitting								

■ OPERATING CONDITIONS

Temperature (°C)	5-30°C (41-86°F)								
Humidity (°C) (Max, non condensing)	70%								
Noise (dB)	< 35dB(A)								
IP rating	IP20								
Altitude	< 2000m								

* referred to O2, dew point <-50°C - Atmospheric Dew Point (ADP)