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LIST OF SYMBOLS

°C	-	Degree Celcius
V	-	Volt
I	-	Current
T	-	Temperature
Ω	-	Ohm
A	-	Ampere
W	-	Watt
F	-	Farads
H	-	Hendry
K	-	Kelvin
s	-	Second
atm	-	Atmosphere
kg	-	Kilogram
D	-	Duty ratio
°F	-	Degree Fahrenheit
\$	-	Dollar
Hz	-	Hertz
rpm	-	Revolutions per minute
DC	-	Direct Current
AC	-	Alternate Current
HP	-	Horse power

LIST OF ABBREVIATIONS

PEM	-	Proton Exchange Membrane
FC	-	Fuel Cell
ASD	-	Adjustable Speed Drive
VSD	-	Variable Speed Drive
PAFC	-	Phosphoric Acid Fuel Cell
MCFC	-	Molten Carbonate Fuel Cell
SOFC	-	Solid Oxide Fuel Cell
CO	-	Carbon Monoxide
CO ₂	-	Carbon Dioxide
SO ₂	-	Sulfur Dioxide
NO _x	-	Nitrus Oxide
H ₂	-	Hydrogen Gases
H ₂ O	-	Water
PV	-	Solar Power
THD	-	Total Harmonic Distortion
PWM	-	Pulse Width Modulation
CSI	-	Current Source Inverter
VSI	-	Voltage Source Inverter
L	-	Inductor
C	-	Capacitor
R	-	Resistor